

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2018 Levee Inspection Results

Reclamation District No. 0999 Netherlands

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† **SPRING INSPECTIONS:** Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2018 Levee Inspection Results

Reclamation District No. 0999 Netherlands

Waterway			Bank	Unit Miles
Unit No. 01 Yolo Bypass			Left	15.41
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/8/2018 - 5/8/2018			
DWR Inspector	Dave Torres			
Accompanied By	Tom Slater RD999			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	0.00	Rating **	A	Issue No.	53
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				
DWR ID	DWR_RD0999_01_s_2013_53				
Comment Code					
Inspector Comment					
The LMA has copy of the O & M manual on file.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	54
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				
DWR ID	DWR_RD0999_01_s_2013_54				
Comment Code					
Inspector Comment					
The LMA has adequate floodfight supplies and equipment on hand.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	55
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training				
DWR ID	DWR_RD0999_01_s_2013_55				
Comment Code					
Inspector Comment					
The LMA is prepared for responding to floods and has received training.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	0.12	Rating **	U	Issue No.	1
LM End	0.39	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.503346 °	38.499389 °
				-121.582116 °	-121.581933 °
DWR ID	DWR_RD0999_01_s_2012_1				
Comment Code					
MA : Material					
Inspector Comment					
Landfill has been in place for several years. Landowner is hauling additional material on waterward berm.					

LM Start	0.12	Rating **	U	Issue No.	1 (cont)
LM End	0.39	Issue Type +	En	Location *	WS

Photo 1 of 5 : SP_2018_RD0999_232_1_20180301_00001.jpg



Looking west at filled on waterward berm (spring 2016)

Photo 2 of 5 : SP_2018_RD0999_232_1_20180301_00002.jpg



Looking west at filled on waterward berm. (spring 2016)

LM Start	0.12	Rating **	U	Issue No.	1 (cont)
LM End	0.39	Issue Type +	En	Location *	WS

Photo 3 of 5 : SP_2018_RD0999_232_1_20180301_00003.jpg



Looking west at the end of new fill on waterward berm fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	0.12	Rating **	U	Issue No.	1 (cont)	
LM End	0.39	Issue Type +	En	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Encroachments			38.503346 °	38.499389 °	
				-121.582116 °	-121.581933 °	
DWR ID	DWR_RD0999_01_s_2012_1					
Comment Code						
MA : Material						
Inspector Comment						
Landfill has been in place for several years. Landowner is hauling additional material on waterward berm.						

Photo 4 of 5 : SP_2018_RD0999_232_1_20180301_00004.jpg



Looking west at new fill on waterward berm fall 2015.

LM Start	0.12	Rating **	U	Issue No.	1 (cont)
LM End	0.39	Issue Type +	En	Location *	WS

Photo 5 of 5 : SP_2018_RD0999_232_1_20180301_00005.jpg



Looking west at new material on waterward berm.

LM Start	0.27	Rating **	M	Issue No.	3
LM End	0.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.501113 °	38.501113 °
				-121.581975 °	-121.581975 °
DWR ID	DWR_RD0999_01_s_2012_3				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_232_3_20180301_00011.jpg



View of landside slope looking south.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Reclamation District No. 0999 Netherlands

Pump platform visible off LS toe, but no appurtances remain.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	1.73	Rating **	U	Issue No.	919 (cont)	
LM End	1.73	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.480097 °	38.480097 °	
				-121.580844 °	-121.580844 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:50092 DS_ID:22743 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 07/07/2016 Condition largely unchanged from previous inspection. Pipe open on the WS, waterward of the siphon breaker. Dense vegetation and steep slope limited inspection of WS outlet into Ship Channel. (T. Hatch/UCIP) 06/25/2013 Pipe abandoned and open on WS slope. Pipe should be abandoned properly. (W. Wylie/UCIP) FIELD_STRUCT_DESC: *ABANDONED* 30-inch steel drainage pipe through the levee, 6.5 feet below the crown. Pump on a platform in the canal off the landside (LS) toe, not found. Flap gate on the waterside (WS), not found. Siphon breaker and an air vent on the WS shoulder. 1- inch galvanized iron filler pipe visible on the WS shoulder along same alignment. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 1.73)]. FS Date: 7/7/2016						

Photo 3 of 3 : UCIP_SP_2018_50092_25189.jpg



Pump platform visible off LS toe, but no appurtenances remain.

LM Start	1.79	Rating **	M	Issue No.	30
LM End	2.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.479165 °	38.475463 °
				-121.580640 °	-121.580722 °
DWR ID	DWR_RD0999_01_s_2012_30				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 2 : SP_2018_RD0999_232_30_20180301_00024.jpg



Looking southeast at dense trees on landward slope. (Fall 2016)

* Location
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

** Rating
 A : Acceptable
 M : Minimally Acceptable
 U : Unacceptable
 N : Not Inspected/Rated
 C : Corrected
 A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	1.79	Rating **	M	Issue No.	30 (cont)	
LM End	2.04	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.479165 °		38.475463 °
				-121.580640 °		-121.580722 °
DWR ID	DWR_RD0999_01_s_2012_30					
Comment Code						
T1 : Trim trees to at least five feet above ground level.						
Inspector Comment						

Photo 2 of 2 : SP_2018_RD0999_232_30_20180301_00025.jpg



Looking southeast at dense trees on landward slope. (Spring 2016)

LM Start	2.09	Rating **	M	Issue No.	920
LM End	2.09	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.474783 °	38.474783 °
				-121.580428 °	-121.580428 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16324 DS_ID:23957 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine permit for this crossing. FIELD_STRUCT_DESC: 20-inch steel gas line through the levee at an unknown depth. Gasline markers on both shoulders. (Permit No. 16311, 1996) FS Date: 6/25/2013					

Photo 1 of 2 : UCIP_SP_2018_16324_27501.jpg



Gasline markers on WS shoulder with USAA paint on roadway.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	2.09	Rating **	M	Issue No.	920 (cont)	
LM End	2.09	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.474783 °		38.474783 °
				-121.580428 °		-121.580428 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:16324 DS_ID:23957 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine permit for this crossing. FIELD_STRUCT_DESC: 20-inch steel gas line through the levee at an unknown depth. Gasline markers on both shoulders. (Permit No. 16311, 1996) FS Date: 6/25/2013						

Photo 2 of 2 : UCIP_SP_2018_16324_27500.jpg



Gasline marker on LS shoulder.

LM Start	2.13	Rating **	C	Issue No.	7
LM End	2.13	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.474258 °	38.474258 °
				-121.580528 °	-121.580528 °
DWR ID	DWR_RD0999_01_s_2012_7				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	2.13	Rating **	U	Issue No.	31
LM End	2.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.474200 °	38.474200 °
				-121.580480 °	-121.580480 °
DWR ID	DWR_RD0999_01_s_2012_31				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 2 : SP_2018_RD0999_232_31_20180301_00026.jpg



Looking north at untrimmed trees on landward slope. (Fall 2016)

LM Start	2.13	Rating **	U	Issue No.	31 (cont)
LM End	2.13	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_RD0999_232_31_20180301_00027.jpg



Looking southeast at untrimmed trees on landward slope. (Spring 2016)

LM Start	2.17	Rating **	M	Issue No.	32
LM End	2.17	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.473650 °	38.473650 °
				-121.580756 °	-121.580756 °
DWR ID	DWR_RD0999_01_f_2017_32				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	2.18	Rating **	C	Issue No.	8
LM End	2.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.473542 °	38.473417 °
				-121.580793 °	-121.580885 °
DWR ID	DWR_RD0999_01_s_2012_8				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	2.51	Rating **	M	Issue No.	40
LM End	2.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.469048 °	38.469048 °
				-121.583075 °	-121.583075 °
DWR ID	DWR_RD0999_01_s_2012_40				
Comment Code					
MA : Material					
Inspector Comment					
Excavation activity on landside shoulder. Hole is approximately 15ft x 12" x 15". Hole appears to be excavated by a backhoe.					

Photo 1 of 4 : SP_2018_RD0999_232_40_20180301_00033.jpg



Looking south at trench along landward shoulder. (spring 2016)

LM Start	2.51	Rating **	M	Issue No.	40 (cont)
LM End	2.51	Issue Type +	Ma	Location *	LS

Photo 2 of 4 : SP_2018_RD0999_232_40_20180301_00034.jpg



Looking south at excavation on landside shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	2.51	Rating **	M	Issue No.	40 (cont)	
LM End	2.51	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.469048 °		38.469048 °
				-121.583075 °		-121.583075 °
DWR ID	DWR_RD0999_01_s_2012_40					
Comment Code						
MA : Material						
Inspector Comment						
Excavation activity on landside shoulder. Hole is approximately 15ft x 12" x 15". Hole appears to be excavated by a backhoe.						

Photo 3 of 4 : SP_2018_RD0999_232_40_20180301_00035.jpg



Looking south at close-up view of excavation on landside shoulder.

LM Start	2.51	Rating **	M	Issue No.	40 (cont)
LM End	2.51	Issue Type +	Ma	Location *	LS

Photo 4 of 4 : SP_2018_RD0999_232_40_20180301_00036.jpg



Looking north at excavation on landside shoulder.

LM Start	3.22	Rating **	M	Issue No.	51
LM End	3.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.459399 °	38.459399 °
				-121.587523 °	-121.587523 °
DWR ID	DWR_RD0999_01_s_2013_51				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Depression on landward shoulder and slope 40' x 20'. Earthen material appears to be sliding toward levee toe.					

Photo 1 of 3 : SP_2018_RD0999_232_51_20180301_00052.jpg



View of landside slope looking south.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	3.22	Rating **	M	Issue No.	51 (cont)	
LM End	3.22	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.459399 °		38.459399 °
				-121.587523 °		-121.587523 °
DWR ID	DWR_RD0999_01_s_2013_51					
Comment Code						
S1 : Repair slope instability.						
Inspector Comment						
Depression on landward shoulder and slope 40' x 20'. Earthen material appears to be sliding toward levee toe.						

Photo 2 of 3 : SP_2018_RD0999_232_51_20180301_00053.jpg



Looking northeast at depression on landward slope. (Fall 2016)

LM Start	3.22	Rating **	M	Issue No.	51 (cont)
LM End	3.22	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : SP_2018_RD0999_232_51_20180301_00054.jpg



Looking north at depression on landside shoulder and slope. (Spring 2016)

LM Start	3.30	Rating **	C	Issue No.	64
LM End	3.30	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.458346 °	38.458346 °
				-121.588008 °	-121.588008 °
DWR ID	DWR_RD0999_01_s_2014_64				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Discarded tree branches, limbs and power poles stockpile on waterward berm.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	4.16	Rating **	N	Issue No.	14
LM End	4.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.446619 °	38.446619 °
				-121.593442 °	-121.593442 °
DWR ID	DWR_RD0999_01_s_2012_14				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	4.17	Rating **	N	Issue No.	15
LM End	4.17	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.446478 °	38.446478 °
				-121.593508 °	-121.593508 °
DWR ID	DWR_RD0999_01_s_2012_15				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	4.31	Rating **	M	Issue No.	27
LM End	4.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.444560 °	38.444560 °
				-121.594440 °	-121.594440 °
DWR ID	DWR_RD0999_01_f_2012_27				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Local farmer causing slope damage by driving equipment and trucks on slope.					

Photo 1 of 2 : SP_2018_RD0999_232_27_20180301_00020.jpg



Looking at slope damage cause by vehicle traffice on waterward slope.
(Fall 2016)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	4.31	Rating **	M	Issue No.	27 (cont)	
LM End	4.31	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.444560 °		38.444560 °
				-121.594440 °		-121.594440 °
DWR ID	DWR_RD0999_01_f_2012_27					
Comment Code						
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.						
Inspector Comment						
Local farmer causing slope damage by driving equipment and trucks on slope.						

Photo 2 of 2 : SP_2018_RD0999_232_27_20180301_00021.jpg



Looking at slope damage cause by vehicle traffic on waterward slope.
(Spring 2015)

LM Start	4.83	Rating **	M	Issue No.	5
LM End	4.85	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.437506 °	38.437296 °
				-121.597707 °	-121.597803 °
DWR ID	DWR_RD0999_01_s_2016_5				
Comment Code					
Inspector Comment					
2006 - Slump failure of lower slope. Longitudinal cracks present along the levee slope. 2011 - Difficult to see due to overgrown vegetation. A small section of the levee has slumped. Sties DWS 5.0 and DWS 5.01 were combined. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: DWS_5-0_L]					

No Photos

LM Start	6.56	Rating **	C	Issue No.	41
LM End	6.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.413856 °	38.413475 °
				-121.608635 °	-121.608817 °
DWR ID	DWR_RD0999_01_s_2016_41				
Comment Code					
PR : Prunings					
Inspector Comment					
Pruning piles on landward toe.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	7.13	Rating **	C	Issue No.	22
LM End	9.67	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.406130 °	38.371621 °
				-121.612211 °	-121.628232 °
DWR ID	DWR_RD0999_01_s_2012_22				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					
Also control growth on levee crown. LMA has controlled growth on portions of the crown but still need to add appropriate road base.					

No Photos

LM Start	7.36	Rating **	M	Issue No.	19
LM End	7.48	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.403075 °	38.401370 °
				-121.613597 °	-121.614391 °
DWR ID	DWR_RD0999_01_s_2018_19				
Comment Code					
EQ : Equipment					
Inspector Comment					
Landowner has stored equipment on the waterside toe.					

No Photos

LM Start	7.61	Rating **	M	Issue No.	58
LM End	7.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.399600 °	38.399600 °
				-121.615224 °	-121.615224 °
DWR ID	DWR_RD0999_01_f_2016_58				
Comment Code					
Inspector Comment					
Depression 10' by 20' on landward slope.					

Photo 1 of 2 : SP_2018_RD0999_232_58_20180301_00057.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	7.61	Rating **	M	Issue No.	58 (cont)	
LM End	7.61	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			38.399600 °	38.399600 °	
				-121.615224 °	-121.615224 °	
DWR ID	DWR_RD0999_01_f_2016_58					
Comment Code						
Inspector Comment						
Depression 10' by 20' on landward slope.						

Photo 2 of 2 : SP_2018_RD0999_232_58_20180301_00058.jpg



Looking northeast at depression on landward slope.

LM Start	9.12	Rating **	M	Issue No.	918
LM End	9.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.379019 °	38.377261 °
				-121.624777 °	-121.625619 °
DWR ID	DWR_RD0999_01_s_2012_918				
Comment Code					
FE : Fence					
Inspector Comment					
Fence along landward shoulder.					

Photo 1 of 2 : SP_2018_RD0999_232_918_20180301_00065.jpg



Looking south at fence along landside shoulder.

LM Start	9.12	Rating **	M	Issue No.	918 (cont)
LM End	9.25	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_RD0999_232_918_20180301_00066.jpg



Looking north at fence along landside shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	9.50	Rating **	M	Issue No.	921
LM End	9.50	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.373823 °	38.373823 °
				-121.627212 °	-121.627212 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:24413					
DS_ID:22750					
EP_NO: 13300					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe abandoned and should be done so properly.					
FIELD_STRUCT_DESC: 6-inch coated steel irrigation pipe through the levee, 3 feet below the crown. Joint pole (JP) and meter at abandoned pump location on the landside (LS) toe. (Permit No. 13300, 1981 - Eldon M. Studarus). [Additional Reference(s): DWR Levee Log, 1992].					
FS Date: 6/25/2013					

LM Start	9.50	Rating **	M	Issue No.	921 (cont)
LM End	9.50	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_24413_43357.jpg



JP and meter at site of abandoned pump.

Photo 2 of 3 : UCIP_SP_2018_24413_43356.jpg



Pipe open on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	9.50	Rating **	M	Issue No.	921 (cont)	
LM End	9.50	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.373823 °	38.373823 °	
				-121.627212 °	-121.627212 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:24413						
DS_ID:22750						
EP_NO: 13300						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pipe abandoned and should be done so properly.						
FIELD_STRUCT_DESC: 6-inch coated steel irrigation pipe through the						
levee, 3 feet below the crown. Joint pole (JP) and meter at abandoned						
pump location on the landside (LS) toe. (Permit No. 13300, 1981 -						
Eldon M. Studarus). [Additional Reference(s): DWR Levee Log, 1992].						
FS Date: 6/25/2013						

Photo 3 of 3 : UCIP_SP_2018_24413_43355.jpg



JP and meter at site of abandoned pump.

LM Start	9.51	Rating **	M	Issue No.	47
LM End	9.51	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.373740 °	38.373740 °
				-121.627257 °	-121.627257 °
DWR ID	DWR_RD0999_01_f_2015_47				
Comment Code					
PI : Pipe					
Inspector Comment					
Abandoned pipes at waterside toe.					

Photo 1 of 1 : SP_2018_RD0999_232_47_20180301_00043.jpg



Looking southwest at abandoned irrigation pipes at waterward toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	9.63	Rating **	M	Issue No.	21	
LM End	9.63	Issue Type +	Ma	Location *	CR	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.372118 °		38.372118 °
				-121.627982 °		-121.627982 °
DWR ID	DWR_RD0999_01_s_2018_21					
Comment Code						
V9 : Keep the crown roadway free of vegetation.						
Inspector Comment						

No Photos

LM Start	9.64	Rating **	M	Issue No.	56
LM End	9.64	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.372002 °	38.372002 °
				-121.628052 °	-121.628052 °
DWR ID	DWR_RD0999_01_f_2015_56				
Comment Code					
CR : Crops					
Inspector Comment					
Landowner planted crops and installed poles and tool sheds on waterside berm without permit					

Photo 1 of 1 : SP_2018_RD0999_232_56_20180301_00055.jpg



Looking at west at crop, poles and tool sheds on waterward berm.

LM Start	9.65	Rating **	M	Issue No.	34
LM End	9.66	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.371885 °	38.371652 °
				-121.628087 °	-121.628198 °
DWR ID	DWR_RD0999_01_f_2017_34				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_232_34_20180301_00028.jpg



View of landside slope looking south.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	9.75	Rating **	M	Issue No.	20
LM End	9.94	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.370502 °	38.367903 °
				-121.628975 °	-121.630017 °
DWR ID	DWR_RD0999_01_s_2012_20				
Comment Code					
FE : Fence					
Inspector Comment					
Fence at landside shoulder.					

No Photos

LM Start	9.87	Rating **	M	Issue No.	26
LM End	9.87	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.368898 °	38.368898 °
				-121.629470 °	-121.629470 °
DWR ID	DWR_RD0999_01_s_2012_26				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trees should be trimmed for visibility.					

Photo 1 of 1 : SP_2018_RD0999_232_26_20180301_00019.jpg



Looking northwest at dense trees on waterside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	10.08	Rating **	M	Issue No.	922
LM End	10.08	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.366030 °	38.366030 °
				-121.630811 °	-121.630811 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:24414 DS_ID:22751 EP_NO: 5541 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pipe appears abandoned and should be done so properly. FIELD_STRUCT_DESC: *ABANDONED* 1 of 2: 10-inch pipe of an unknown material or purpose through the levee, 2 feet below the crown. Could not find, February 1991. Electromagnetic survey indicates there is a pipe at this location. (Permit No. 5541, 1966 - Eldon M. Studarus). [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 6/25/2013					

No Photos

LM Start	10.33	Rating **	M	Issue No.	57
LM End	10.65	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.362528 °	38.358175 °
				-121.632517 °	-121.634490 °
DWR ID	DWR_RD0999_01_f_2015_57				
Comment Code					
EQ : Equipment					
Inspector Comment					
Farm equipment stored at waterward toe.					

Photo 1 of 1 : SP_2018_RD0999_232_57_20180301_00056.jpg



Looking southwest at farm equipment stored at waterward berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	10.57	Rating **	A/W	Issue No.	28
LM End	10.57	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.359305 °	38.359305 °
				-121.633949 °	-121.633949 °
DWR ID	DWR_RD0999_01_s_2012_28				
Comment Code					
GA : Garbage					
Inspector Comment					
Large garbage and pruning piles on waterward berm.					

Photo 1 of 2 : SP_2018_RD0999_232_28_20180301_00022.jpg



Looking west at garbage pile on waterward berm fall 2015.

LM Start	10.57	Rating **	A/W	Issue No.	28 (cont)
LM End	10.57	Issue Type +	En	Location *	WS

Photo 2 of 2 : SP_2018_RD0999_232_28_20180301_00023.jpg



Looking southwest at garbage on waterside toe and berm.

LM Start	10.81	Rating **	C	Issue No.	23
LM End	11.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.356077 °	38.352640 °
				-121.635598 °	-121.637078 °
DWR ID	DWR_RD0999_01_s_2012_23				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	11.30	Rating **	M	Issue No.	43
LM End	11.59	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.349380 °	38.345353 °
				-121.638540 °	-121.640432 °
DWR ID	DWR_RD0999_01_s_2012_43				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_232_43_20180301_00040.jpg



Looking north at growth on levee crown.

LM Start	12.28	Rating **	U	Issue No.	923	
LM End	12.28	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.335834 °	38.335834 °	
				-121.643977 °	-121.643977 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:50097 DS_ID:22752 EP_NO: 11735 Repair Type: Urgent Crossing Status: Found UCIP Comments: 07/07/2016 - Appears abandoned. Pipe is visible in exposed cut on the WS slope of the levee. Riser on LS shoulder damaged from vandalism. welded plate on WS. No pump found on the platform in the drainage ditch. (T. Hatch/UCIP)06/25/2013 - Appears abandoned. Pipe exposed in cut on on WS slope and open at LS toe. No pump or appurtances. (W. Wylie/UCIP) FIELD_STRUCT_DESC: *ABANDONED* 24-inch steel drainage pipe through the levee, 7 feet below the crown. Pump in a drainage ditch on the landside (LS) with a sheet pile headwall, not found. Flap gate on the waterside (WS), not found. Siphon breaker in a riser on the LS slope. (Replaced an existing 24-inch steel pipe under Permit No. 11735, 1978 - Reclamation District No. 999). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 12.29)]. FS Date: 7/7/2016						

Photo 1 of 3 : UCIP_SP_2018_50097_25415.jpg



Pipe visible in exposed cut on WS slope.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	12.28	Rating **	U	Issue No.	923 (cont)
LM End	12.28	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.335834 °	38.335834 °	
			-121.643977 °	-121.643977 °	

DWR ID	
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Comment Code	
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Inspector Comment	
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FS_ID:50097
DS_ID:22752
EP_NO: 11735
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 07/07/2016 - Appears abandoned. Pipe is visible in exposed cut on the WS slope of the levee. Riser on LS shoulder damaged from vandalism. welded plate on WS. No pump found on the platform in the drainage ditch. (T. Hatch/UCIP)06/25/2013 - Appears abandoned. Pipe exposed in cut on on WS slope and open at LS toe. No pump or appurtenances. (W. Wylie/UCIP)
FIELD_STRUCT_DESC: *ABANDONED* 24-inch steel drainage pipe through the levee, 7 feet below the crown. Pump in a drainage ditch on the landside (LS) with a sheet pile headwall, not found. Flap gate on the waterside (WS), not found. Siphon breaker in a riser on the LS slope. (Replaced an existing 24-inch steel pipe under Permit No. 11735, 1978 - Reclamation District No. 999). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 12.29)].
FS Date: 7/7/2016

LM Start	12.28	Rating **	U	Issue No.	923 (cont)
LM End	12.28	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_50097_25414.jpg



Siphon breaker in CMP riser on LS shoulder.

Photo 3 of 3 : UCIP_SP_2018_50097_25418.jpg



Steel plate welded over pipe on WS end at WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	12.28	Rating **	U	Issue No.	71
LM End	12.28	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.335814 °	38.335814 °
				-121.643997 °	-121.643997 °
DWR ID	DWR_RD0999_01_f_2016_71				
Comment Code					
FE : Fence					
Inspector Comment					
Landowner is in the process of installing gate acrosss levee crown and on at bottom of ramps on landward.					

Photo 1 of 3 : SP_2018_RD0999_232_71_20180301_00062.jpg



Looking south at gate poles on landward and waterward shoulder.

LM Start	12.28	Rating **	U	Issue No.	71 (cont)
LM End	12.28	Issue Type +	En	Location *	CR

Photo 2 of 3 : SP_2018_RD0999_232_71_20180301_00063.jpg



Looking at typical view of fence and gate poles on levee.

LM Start	12.28	Rating **	U	Issue No.	71 (cont)
LM End	12.28	Issue Type +	En	Location *	CR

Photo 3 of 3 : SP_2018_RD0999_232_71_20180301_00064.jpg



Looking east at gate and fence poles at landward berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	13.06	Rating **	M	Issue No.	924	
LM End	13.06	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.324535 °		38.324535 °
				-121.644958 °		-121.644958 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:24426						
DS_ID:22754						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Pipe appears abandoned in place and if so should be done so properly.						
FIELD_STRUCT_DESC: *ABANDONED* 12-inch steel pipe of an unknown purpose through the levee, 5 feet below the crown. Located 4 feet downstream from a power pole on the landside (LS). Pipe open on the LS. Not located on the waterside (WS). LS toe of pipe is crushed, not plated. Not found, June 2013. Located by electromagnetic survey at this location. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 13.07)].						
FS Date: 6/25/2013						

No Photos

LM Start	13.64	Rating **	A	Issue No.	24
LM End	13.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.316208 °	38.316208 °
				-121.644951 °	-121.644951 °
DWR ID	DWR_RD0999_01_s_2018_24				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Good vegetation control.					

Photo 1 of 1 : SP_2018_RD0999_232_24_20180509_00091.jpg



Good vegetation control waterside looking north.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	13.64	Rating **	A	Issue No.	25
LM End	13.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.316208 °	38.316208 °
				-121.644951 °	-121.644951 °
DWR ID	DWR_RD0999_01_s_2018_25				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Good vegetation control.					

Photo 1 of 1 : SP_2018_RD0999_232_25_20180509_00090.jpg



Good vegetation control landside looking north.

LM Start	14.04	Rating **	M	Issue No.	49
LM End	14.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.310347 °	38.310347 °
				-121.644955 °	-121.644955 °
DWR ID	DWR_RD0999_01_f_2012_49				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Caving, 4' x 10', on landside slope.					

Photo 1 of 4 : SP_2018_RD0999_232_49_20180301_00044.jpg



Looking southeast at caving on landward slope fall 2015.

LM Start	14.04	Rating **	M	Issue No.	49 (cont)
LM End	14.04	Issue Type +	Ma	Location *	LS

Photo 2 of 4 : SP_2018_RD0999_232_49_20180301_00045.jpg



Looking east at caving on landward shoulder and slope. (Spring 2015)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	14.04	Rating **	M	Issue No.	49 (cont)	
LM End	14.04	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			38.310347 °		38.310347 °
				-121.644955 °		-121.644955 °
DWR ID	DWR_RD0999_01_f_2012_49					
Comment Code						
E1 : Note and monitor erosion site.						
Inspector Comment						
Caving, 4' x 10', on landside slope.						

Photo 3 of 4 : SP_2018_RD0999_232_49_20180301_00046.jpg



Looking east caving on landside slope.

LM Start	14.04	Rating **	M	Issue No.	49 (cont)
LM End	14.04	Issue Type +	Ma	Location *	LS

Photo 4 of 4 : SP_2018_RD0999_232_49_20180301_00047.jpg



Looking southeast at caving on landside slope.

LM Start	15.22	Rating **	C	Issue No.	52
LM End	15.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.293207 °	38.293207 °
				-121.644947 °	-121.644947 °
DWR ID	DWR_RD0999_01_f_2017_52				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	15.24	Rating **	A/W	Issue No.	925	
LM End	15.24	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.293005 °	38.293005 °	
				-121.644974 °	-121.644974 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15366						
DS_ID:22757						
EP_NO: 14199						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 24-inch steel discharge pipe through the						
levee, 6.3 feet below the crown. Pump house on the landside (LS) toe						
with a siphon breaker in a steel riser on the waterside (WS) shoulder.						
(Permit No. 14199, 1985, [owner not indicated in permit database]).						
FS Date: 6/25/2013						

Photo 1 of 3 : UCIP_SP_2018_15366_25231.jpg



Pump in pumphouse on LS toe.

Photo 2 of 3 : UCIP_SP_2018_15366_25230.jpg



siphon breaker in steel riser on WS shoulder

LM Start	15.24	Rating **	A/W	Issue No.	925 (cont)
LM End	15.24	Issue Type +	Ma	Location *	

* Location
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

** Rating
 A : Acceptable
 M : Minimally Acceptable
 U : Unacceptable
 N : Not Inspected/Rated
 C : Corrected
 A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	15.24	Rating **	A/W	Issue No.	925 (cont)	
LM End	15.24	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.293005 °		38.293005 °
				-121.644974 °		-121.644974 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15366 DS_ID:22757 EP_NO: 14199 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch steel discharge pipe through the levee, 6.3 feet below the crown. Pump house on the landside (LS) toe with a siphon breaker in a steel riser on the waterside (WS) shoulder. (Permit No. 14199, 1985, [owner not indicated in permit database]). FS Date: 6/25/2013						

Photo 3 of 3 : UCIP_SP_2018_15366_25229.jpg



Closeup of 24-inch pipe on LS toe.

LM Start	15.24	Rating **	A/W	Issue No.	926
LM End	15.24	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.292973 °	38.292973 °
				-121.644977 °	-121.644977 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15365					
DS_ID:22756					
EP_NO: N/A					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 30-inch steel drainage pipe through the levee, 7 feet below the crown. Flap gate on the waterside (WS) end. Pump in pump house on the landside (LS) toe. Siphon breaker in a corrugated metal pipe (CMP) riser on the WS shoulder. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 15.25) (36-inch pipe listed)].					
FS Date: 6/25/2013					

Photo 1 of 3 : UCIP_SP_2018_15365_25227.jpg



Pumphouse on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	15.24	Rating **	A/W	Issue No.	926 (cont)	
LM End	15.24	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.292973 °	38.292973 °	
				-121.644977 °	-121.644977 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15365 DS_ID:22756 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 30-inch steel drainage pipe through the levee, 7 feet below the crown. Flap gate on the waterside (WS) end. Pump in pump house on the landside (LS) toe. Siphon breaker in a corrugated metal pipe (CMP) riser on the WS shoulder. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 15.25) (36-inch pipe listed)]. FS Date: 6/25/2013						

Photo 2 of 3 : UCIP_SP_2018_15365_25226.jpg



Siphon breaker in CMP riser on WS shoulder.

LM Start	15.24	Rating **	A/W	Issue No.	926 (cont)
LM End	15.24	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2018_15365_25225.jpg



Closeup of pipe at pumphouse on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	15.24	Rating **	A/W	Issue No.	927
LM End	15.24	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.292943 °	38.292943 °
				-121.644980 °	-121.644980 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15363					
DS_ID:22755					
EP_NO: 15303					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 30-inch steel discharge pipe through the					
levee, 7 feet below the crown. Pump on platform on the landside (LS)					
toe. Siphon breaker in corrugated metal pipe (CMP) riser on the					
waterside (WS) shoulder. (Permit No. 15303, 1989 - Reclamation					
District No. 999). [Additional Reference(s): DWR Levee Log, 1992].					
FS Date: 6/25/2013					

Photo 1 of 3 : UCIP_SP_2018_15363_25219.jpg



Pump platform to right of pumphouse.

LM Start	15.24	Rating **	A/W	Issue No.	927 (cont)
LM End	15.24	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2018_15363_25218.jpg



Siphon breaker in CMP riser on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	15.24	Rating **	A/W	Issue No.	927 (cont)	
LM End	15.24	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.292943 °	38.292943 °	
				-121.644980 °	-121.644980 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15363						
DS_ID:22755						
EP_NO: 15303						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 30-inch steel discharge pipe through the						
levee, 7 feet below the crown. Pump on platform on the landside (LS)						
toe. Siphon breaker in corrugated metal pipe (CMP) riser on the						
waterside (WS) shoulder. (Permit No. 15303, 1989 - Reclamation						
District No. 999). [Additional Reference(s): DWR Levee Log, 1992].						
FS Date: 6/25/2013						

Photo 3 of 3 : UCIP_SP_2018_15363_25217.jpg



Pump and platform on LS toe.

LM Start	15.26	Rating **	U	Issue No.	44
LM End	15.26	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.292702 °	38.292702 °
				-121.644967 °	-121.644967 °
DWR ID	DWR_RD0999_01_s_2016_44				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Unauthorized palm trees on landward slope and toe.					

Photo 1 of 2 : SP_2018_RD0999_232_44_20180301_00041.jpg



Looking east at palm trees on landward slope next to ramp.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	15.26	Rating **	U	Issue No.	44 (cont)	
LM End	15.26	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.292702 °		38.292702 °
				-121.644967 °		-121.644967 °
DWR ID	DWR_RD0999_01_s_2016_44					
Comment Code						
V6 : Landscaping						
Inspector Comment						
Unauthorized palm trees on landward slope and toe.						

Photo 2 of 2 : SP_2018_RD0999_232_44_20180301_00042.jpg



LM Start	15.27	Rating **	M	Issue No.	39
LM End	15.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.292578 °	38.290525 °
				-121.644972 °	-121.644902 °
DWR ID	DWR_RD0999_01_s_2012_39				
Comment Code					
FE : Fence					
Inspector Comment					
Landowner has installed fence along landside slope for sheep to maintain levee slope. Landowner should apply for permit for fence. Landowner added additional fencing on landward shoulder and slope.					

Photo 1 of 3 : SP_2018_RD0999_232_39_20180301_00030.jpg



Looking east at new fencing on landward shoulder and slope. (Spring 2015)

LM Start	15.27	Rating **	M	Issue No.	39 (cont)
LM End	15.41	Issue Type +	En	Location *	LS

Photo 2 of 3 : SP_2018_RD0999_232_39_20180301_00031.jpg



Looking north at fence along landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	15.27	Rating **	M	Issue No.	39 (cont)
LM End	15.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.292578 °	38.290525 °
				-121.644972 °	-121.644902 °
DWR ID	DWR_RD0999_01_s_2012_39				
Comment Code					
FE : Fence					
Inspector Comment					
Landowner has installed fence along landside slope for sheep to maintain levee slope. Landowner should apply for permit for fence. Landowner added additional fencing on landward shoulder and slope.					

Photo 3 of 3 : SP_2018_RD0999_232_39_20180301_00032.jpg



Looking south at fence along landside slope.

LM Start	15.28	Rating **	A/W	Issue No.	45
LM End	15.28	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.292360 °	38.292360 °
				-121.644968 °	-121.644968 °
DWR ID	DWR_RD0999_01_s_2017_45				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	15.30	Rating **	C	Issue No.	62
LM End	15.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.292030 °	38.292030 °
				-121.644971 °	-121.644971 °
DWR ID	DWR_RD0999_01_f_2014_62				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side WS : Water Side CR : Crown		A : Acceptable M : Minimally Acceptable U : Unacceptable		Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
N/A : Not Applicable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	15.33	Rating **	U	Issue No.	50
LM End	15.33	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.291663 °	38.291663 °
				-121.644962 °	-121.644962 °
DWR ID	DWR_RD0999_01_f_2012_50				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Planted palm trees on landside shoulder.					

Photo 1 of 4 : SP_2018_RD0999_232_50_20180301_00048.jpg



Looking east at palm trees (Spring 2017)

LM Start	15.33	Rating **	U	Issue No.	50 (cont)
LM End	15.33	Issue Type +	En	Location *	LS

Photo 2 of 4 : SP_2018_RD0999_232_50_20180301_00049.jpg



Looking northeast at a mature palm trees on landward shoulder and slope. (Spring 2015)

LM Start	15.33	Rating **	U	Issue No.	50 (cont)
LM End	15.33	Issue Type +	En	Location *	LS

Photo 3 of 4 : SP_2018_RD0999_232_50_20180301_00050.jpg



Looking east at a maturing palm trees on landward shoulder and slope. (Fall 2014)

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	15.33	Rating **	U	Issue No.	50 (cont)	
LM End	15.33	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.291663 °	38.291663 °	
				-121.644962 °	-121.644962 °	
DWR ID	DWR_RD0999_01_f_2012_50					
Comment Code						
TR : Tree or limb						
Inspector Comment						
Planted palm trees on landside shoulder.						

Photo 4 of 4 : SP_2018_RD0999_232_50_20180301_00051.jpg



Looking east at newly planted palm trees on landside shoulder and slope.

LM Start	15.36	Rating **	M	Issue No.	928
LM End	15.36	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.291192 °	38.291192 °
				-121.644987 °	-121.644987 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16330 DS_ID:23970 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch polyvinyl chloride (PVC) water line through the levee, 2 feet below the crown. Pump off the waterside (WS) toe visible at the water's edge. FS Date: 6/25/2013					

Photo 1 of 3 : UCIP_SP_2018_16330_27512.jpg



Pipe visible at WS toe in grass.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	15.41	05/08/2018 05/08/2018	Dave Torres

LM Start	15.36	Rating **	M	Issue No.	928 (cont)
LM End	15.36	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.291192 °	38.291192 °
				-121.644987 °	-121.644987 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16330 DS_ID:23970 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch polyvinyl chloride (PVC) water line through the levee, 2 feet below the crown. Pump off the waterside (WS) toe visible at the water's edge. FS Date: 6/25/2013					

Photo 2 of 3 : UCIP_SP_2018_16330_27511.jpg



Possible pump visible off WS toe at waters edge.

LM Start	15.36	Rating **	M	Issue No.	928 (cont)
LM End	15.36	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2018_16330_27510.jpg



Pipe visible on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2018 Levee Inspection Results

Reclamation District No. 0999 Netherlands

Waterway			Bank	Unit Miles
Unit No. 02 Miner Slough			Right	2.31
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/2/2018 - 5/2/2018			
DWR Inspector	Dave Torres			
Accompanied By	Tom Slater RD999			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	0.01	Rating **	M	Issue No.	17
LM End	0.06	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.290355 °	38.290472 °
				-121.644713 °	-121.643888 °
DWR ID	DWR_RD0999_02_s_2012_17				
Comment Code					
FE : Fence					
Inspector Comment					
Landowner has installed fence along landside slope for sheep to maintain levee slope. Landowner should apply for permit to keep fence.					

Photo 1 of 3 : SP_2018_RD0999_233_17_20180301_00013.jpg



View of landside slope looking northwest.

LM Start	0.01	Rating **	M	Issue No.	17 (cont)
LM End	0.06	Issue Type +	En	Location *	LS

Photo 2 of 3 : SP_2018_RD0999_233_17_20180301_00014.jpg



Looking west at fence along landside slope.

LM Start	0.01	Rating **	M	Issue No.	17 (cont)
LM End	0.06	Issue Type +	En	Location *	LS

Photo 3 of 3 : SP_2018_RD0999_233_17_20180301_00015.jpg



Looking northeast at fence along landside shoulder.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	0.03	Rating **	M	Issue No.	31
LM End	0.03	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.290364 °	38.290364 °
				-121.644326 °	-121.644326 °
DWR ID	DWR_RD0999_02_s_2018_31				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	0.06	Rating **	M	Issue No.	21
LM End	0.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.290434 °	38.290434 °
				-121.643873 °	-121.643873 °
DWR ID	DWR_RD0999_02_f_2017_21				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_233_21_20180301_00018.jpg



View of landside slope looking north.

LM Start	0.08	Rating **	U	Issue No.	32
LM End	0.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.290543 °	38.290753 °
				-121.643501 °	-121.642288 °
DWR ID	DWR_RD0999_02_s_2018_32				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_233_32_20180507_00053.jpg



Vegetation landside looking east.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	0.08	Rating **	U	Issue No.	34
LM End	0.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.290543 °	38.290753 °
				-121.643501 °	-121.642288 °
DWR ID	DWR_RD0999_02_s_2018_34				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_233_34_20180507_00054.jpg



Vegetation waterside looking east.

LM Start	0.18	Rating **	U	Issue No.	24
LM End	0.18	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.290871 °	38.290871 °
				-121.641755 °	-121.641755 °
DWR ID	DWR_RD0999_02_f_2013_24				
Comment Code					
BU : Building					
Inspector Comment					
Adandoned building on landward toe and berm.					

Photo 1 of 2 : SP_2018_RD0999_233_24_20180301_00019.jpg



Looking southwest at abandoned building on landward berm.

LM Start	0.18	Rating **	U	Issue No.	24 (cont)
LM End	0.18	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_RD0999_233_24_20180301_00020.jpg



Looking west at abandoned building on landward berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	0.35	Rating **	M	Issue No.	12
LM End	0.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.291125 °	38.291125 °
				-121.638730 °	-121.638730 °
DWR ID	DWR_RD0999_02_s_2018_12				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.71	Rating **	M	Issue No.	44
LM End	0.71	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.292689 °	38.292689 °
				-121.632730 °	-121.632730 °
DWR ID	DWR_RD0999_02_f_2015_44				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.73	Rating **	M	Issue No.	37
LM End	0.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.292783 °	38.292783 °
				-121.632317 °	-121.632317 °
DWR ID	DWR_RD0999_02_s_2014_37				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 3 : SP_2018_RD0999_233_37_20180301_00025.jpg



View of landside slope looking north.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	0.73	Rating **	M	Issue No.	37 (cont)	
LM End	0.73	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.292783 °		38.292783 °
				-121.632317 °		-121.632317 °
DWR ID	DWR_RD0999_02_s_2014_37					
Comment Code						
T1 : Trim trees to at least five feet above ground level.						
Inspector Comment						

Photo 2 of 3 : SP_2018_RD0999_233_37_20180301_00026.jpg



Looking at untrimmed tree on landward slope and toe. (Fall 2016)

LM Start	0.73	Rating **	M	Issue No.	37 (cont)
LM End	0.73	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : SP_2018_RD0999_233_37_20180301_00027.jpg



Looking at untrimmed tree on landward slope. (Spring 2016)

LM Start	0.76	Rating **	M	Issue No.	26
LM End	0.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.292668 °	38.292613 °
				-121.631755 °	-121.631542 °
DWR ID	DWR_RD0999_02_f_2013_26				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	0.79	Rating **	M	Issue No.	45
LM End	0.79	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.292562 °	38.292562 °
				-121.631331 °	-121.631331 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15384 DS_ID:22772 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe open on both ends. Pumphouse has been removed. Needs to be abandoned properly. FIELD_STRUCT_DESC: *ABANDONED* 8-inch steel irrigation pipe through the levee, 4.5 feet below the crown. Abandoned pump house on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 0.78)]. FS Date: 6/27/2013					

Photo 1 of 3 : UCIP_SP_2018_15384_25242.jpg



Pipe visible at concrete pad on WS slope.

LM Start	0.79	Rating **	M	Issue No.	45 (cont)
LM End	0.79	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_15384_25241.jpg



Concrete pad on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	0.79	Rating **	M	Issue No.	45 (cont)	
LM End	0.79	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.292562 °	38.292562 °	
				-121.631331 °	-121.631331 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15384 DS_ID:22772 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe open on both ends. Pumphouse has been removed. Needs to be abandoned properly. FIELD_STRUCT_DESC: *ABANDONED* 8-inch steel irrigation pipe through the levee, 4.5 feet below the crown. Abandoned pump house on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 0.78)]. FS Date: 6/27/2013						

Photo 3 of 3 : UCIP_SP_2018_15384_25240.jpg



Damaged pipe on LS slope.

LM Start	0.82	Rating **	M	Issue No.	14
LM End	0.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.292439 °	38.292439 °
				-121.630781 °	-121.630781 °
DWR ID	DWR_RD0999_02_f_2012_14				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Century plant on landside slope.					

Photo 1 of 2 : SP_2018_RD0999_233_14_20180301_00011.jpg



Looking north at century plant at landward toe fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	0.82	Rating **	M	Issue No.	14 (cont)	
LM End	0.82	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.292439 °		38.292439 °
				-121.630781 °		-121.630781 °
DWR ID	DWR_RD0999_02_f_2012_14					
Comment Code						
V2 : Remove the wild growth other than native grasses from the levee slopes.						
Inspector Comment						
Century plant on landside slope.						

Photo 2 of 2 : SP_2018_RD0999_233_14_20180301_00012.jpg



Looking north at century plant at landside toe.

LM Start	0.83	Rating **	M	Issue No.	19
LM End	0.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.292386 °	38.292386 °
				-121.630543 °	-121.630543 °
DWR ID	DWR_RD0999_02_f_2012_19				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 2 : SP_2018_RD0999_233_19_20180301_00016.jpg



View of landside slope looking north.

LM Start	0.83	Rating **	M	Issue No.	19 (cont)
LM End	0.83	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_RD0999_233_19_20180301_00017.jpg



Looking north at untrimmed and trees to be thinned at landward toe fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	0.84	Rating **	M	Issue No.	13
LM End	0.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.292352 °	38.292352 °
				-121.630452 °	-121.630452 °
DWR ID	DWR_RD0999_02_s_2012_13				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_233_13_20180301_00010.jpg



Looking northwest at tree limb on landside slope.

LM Start	0.85	Rating **	A/W	Issue No.	22
LM End	0.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.292290 °	38.292290 °
				-121.630167 °	-121.630167 °
DWR ID	DWR_RD0999_02_f_2017_22				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	0.87	Rating **	M	Issue No.	23
LM End	0.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.292211 °	38.292211 °
				-121.629950 °	-121.629950 °
DWR ID	DWR_RD0999_02_f_2017_23				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	0.93	Rating **	M	Issue No.	2
LM End	1.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.291823 °	38.291250 °
				-121.628973 °	-121.627285 °
DWR ID	DWR_RD0999_02_s_2012_2				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_233_2_20180301_00001.jpg



Looking at several rodent holes on landside slope.

LM Start	0.93	Rating **	M	Issue No.	46
LM End	0.93	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.291739 °	38.291739 °
				-121.628873 °	-121.628873 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15385 DS_ID:22773 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe should be abandoned properly. FIELD_STRUCT_DESC: *ABANDONED* 10-inch steel irrigation pipe through the levee, 4.9 feet below the crown. Capped on both ends. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 0.93)]. FS Date: 6/27/2013					

Photo 1 of 3 : UCIP_SP_2018_15385_25246.jpg



Pipe with welded steel plate over end visible on WS

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	0.93	Rating **	M	Issue No.	46 (cont)	
LM End	0.93	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.291739 °	38.291739 °	
				-121.628873 °	-121.628873 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15385						
DS_ID:22773						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pipe should be abandoned properly.						
FIELD_STRUCT_DESC: *ABANDONED* 10-inch steel irrigation pipe						
through the levee, 4.9 feet below the crown. Capped on both ends.						
[Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento						
O&M Manual 113 (Revised), October 1966, (HLM 0.93)].						
FS Date: 6/27/2013						

LM Start	0.93	Rating **	M	Issue No.	46 (cont)
LM End	0.93	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_15385_25245.jpg



Pipe with welded steel plate over end visible on LS

Photo 3 of 3 : UCIP_SP_2018_15385_25244.jpg



Pipe with welded steel plate over end

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	0.96	Rating **	U	Issue No.	39
LM End	1.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.291603 °	38.291292 °
				-121.628485 °	-121.627577 °
DWR ID	DWR_RD0999_02_f_2014_39				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Untrimmed trees along landside toe.					

Photo 1 of 2 : SP_2018_RD0999_233_39_20180301_00028.jpg



View of landside slope looking west.

LM Start	0.96	Rating **	U	Issue No.	39 (cont)
LM End	1.01	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_RD0999_233_39_20180301_00029.jpg



Looking east at untrimmed trees on landward slope.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	1.02	Rating **	M	Issue No.	47
LM End	1.02	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.291252 °	38.291252 °
				-121.627398 °	-121.627398 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16331 DS_ID:23961 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine permit for this crossing. FIELD_STRUCT_DESC: Gas line through the levee at an unknown depth. Markers on both shoulders. FS Date: 6/27/2013					

Photo 1 of 3 : UCIP_SP_2018_16331_27516.jpg



Gasline marker on LS shoulder.

LM Start	1.02	Rating **	M	Issue No.	47 (cont)
LM End	1.02	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_16331_27515.jpg



Gasline marker on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	1.02	Rating **	M	Issue No.	47 (cont)	
LM End	1.02	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.291252 °		38.291252 °
				-121.627398 °		-121.627398 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:16331 DS_ID:23961 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine permit for this crossing. FIELD_STRUCT_DESC: Gas line through the levee at an unknown depth. Markers on both shoulders. FS Date: 6/27/2013						

Photo 3 of 3 : UCIP_SP_2018_16331_27514.jpg



Gasline marker on WS shoulder.

LM Start	1.04	Rating **	A/W	Issue No.	20
LM End	1.53	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.291206 °	38.290915 °
				-121.627030 °	-121.618227 °
DWR ID	DWR_RD0999_02_f_2012_20				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	1.15	Rating **	A/W	Issue No.	40
LM End	1.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.291069 °	38.291069 °
				-121.625138 °	-121.625138 °
DWR ID	DWR_RD0999_02_f_2014_40				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.17	Rating **	M	Issue No.	25
LM End	1.17	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.291107 °	38.291107 °
				-121.624705 °	-121.624705 °
DWR ID	DWR_RD0999_02_s_2018_25				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	1.25	Rating **	M	Issue No.	48
LM End	1.25	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.291379 °	38.291379 °
				-121.623285 °	-121.623285 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16333 DS_ID:23962 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine permit for this crossing. FIELD_STRUCT_DESC: 16-inch coated steel drainage pipe through the levee, 3 feet below the crown. Pump in a pump house on the landside (LS) toe. Siphon breaker in a 24-inch steel riser on the waterside (WS). (Permit No. 17064, 1999 - Reclamation District No. 999). FS Date: 6/27/2013					

Photo 1 of 3 : UCIP_SP_2018_16333_27523.jpg



Siphon breaker on WS shoulder.

LM Start	1.25	Rating **	M	Issue No.	48 (cont)
LM End	1.25	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_16333_27522.jpg



Pumphouse off LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	1.25	Rating **	M	Issue No.	48 (cont)	
LM End	1.25	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.291379 °	38.291379 °	
				-121.623285 °	-121.623285 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:16333						
DS_ID:23962						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Need to determine permit for this crossing.						
FIELD_STRUCT_DESC: 16-inch coated steel drainage pipe through						
the levee, 3 feet below the crown. Pump in a pump house on the						
landside (LS) toe. Siphon breaker in a 24-inch steel riser on the						
waterside (WS). (Permit No. 17064, 1999 - Reclamation District No.						
999).						
FS Date: 6/27/2013						

Photo 3 of 3 : UCIP_SP_2018_16333_27521.jpg



Trash rack on Pumphouse off LS toe.

LM Start	1.25	Rating **	M	Issue No.	49	
LM End	1.25	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.291381 °	38.291381 °	
				-121.623268 °	-121.623268 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:16334						
DS_ID:23963						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Need to determine permit No. for this crossing.						
FIELD_STRUCT_DESC: 30-inch coated steel drainage pipe through						
the levee, 2.5 feet below the crown. Pump in a pump house on the						
landside (LS) toe. Siphon breaker in a 24-inch steel riser on the						
waterside (WS). (Permit No. 17064, 1999 - Reclamation District No.						
999).						
FS Date: 6/27/2013						

Photo 1 of 3 : UCIP_SP_2018_16334_27527.jpg



Siphon breaker on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	1.25	Rating **	M	Issue No.	49 (cont)	
LM End	1.25	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.291381 °	38.291381 °	
				-121.623268 °	-121.623268 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:16334						
DS_ID:23963						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Need to determine permit No. for this crossing.						
FIELD_STRUCT_DESC: 30-inch coated steel drainage pipe through the levee, 2.5 feet below the crown. Pump in a pump house on the landside (LS) toe. Siphon breaker in a 24-inch steel riser on the waterside (WS). (Permit No. 17064, 1999 - Reclamation District No. 999).						
FS Date: 6/27/2013						

Photo 2 of 3 : UCIP_SP_2018_16334_27526.jpg



Pumphouse on LS toe.

LM Start	1.25	Rating **	M	Issue No.	49 (cont)
LM End	1.25	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2018_16334_27525.jpg



Pumphouse on LS toe with trash rack.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	1.66	Rating **	M	Issue No.	27
LM End	1.66	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.290376 °	38.290376 °
				-121.615848 °	-121.615848 °
DWR ID	DWR_RD0999_02_f_2017_27				
Comment Code					
PI : Pipe					
Inspector Comment					
Pipes stored at the landside toe.					

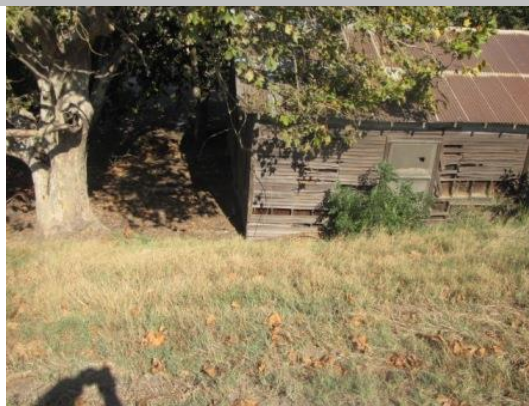
Photo 1 of 1 : SP_2018_RD0999_233_27_20180301_00021.jpg



View of landside slope looking north.

LM Start	1.67	Rating **	U	Issue No.	3
LM End	1.68	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.290287 °	38.290217 °
				-121.615668 °	-121.615460 °
DWR ID	DWR_RD0999_02_s_2012_3				
Comment Code					
BU : Building					
Inspector Comment					
Old storage shed on landside toe and berm.					

Photo 1 of 2 : SP_2018_RD0999_233_3_20180301_00002.jpg



Looking Norht at building at landside toe.

LM Start	1.67	Rating **	U	Issue No.	3 (cont)
LM End	1.68	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_RD0999_233_3_20180301_00003.jpg



Looking northeast at building at landside toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	1.68	Rating **	U	Issue No.	28
LM End	1.68	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.290260 °	38.290260 °
				-121.615473 °	-121.615473 °
DWR ID	DWR_RD0999_02_f_2013_28				
Comment Code					
BU : Building					
Inspector Comment					
Old pump house on landside toe.					

Photo 1 of 1 : SP_2018_RD0999_233_28_20180301_00022.jpg



Looking northeast at abandoned pump house on landward toe.

LM Start	1.69	Rating **	U	Issue No.	10
LM End	1.69	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.290195 °	38.290195 °
				-121.615268 °	-121.615268 °
DWR ID	DWR_RD0999_02_s_2012_10				
Comment Code					
TA : Tank					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_233_10_20180301_00007.jpg



Looking north at a tank on the landside slope and toe.

LM Start	1.70	Rating **	U	Issue No.	11
LM End	1.70	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.290171 °	38.290171 °
				-121.615260 °	-121.615260 °
DWR ID	DWR_RD0999_02_s_2012_11				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 2 : SP_2018_RD0999_233_11_20180301_00008.jpg



Looking at dense trees on landward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	1.70	Rating **	U	Issue No.	11 (cont)	
LM End	1.70	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Vegetation			38.290171 °	38.290171 °	
				-121.615260 °	-121.615260 °	
DWR ID	DWR_RD0999_02_s_2012_11					
Comment Code						
V6 : Landscaping						
Inspector Comment						

Photo 2 of 2 : SP_2018_RD0999_233_11_20180301_00009.jpg



Looking southwest at dense trees on landward slope.

LM Start	1.72	Rating **	M	Issue No.	50
LM End	1.72	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.289967 °	38.289967 °
				-121.614873 °	-121.614873 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15386 DS_ID:22774 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: *ABANDONED* 10-inch steel drainage pipe through the levee, 8.3 feet below the crown. 6-foot by 11-foot corrugated metal pump house and gate valve on the waterside (WS) slope. 36-inch concrete standpipe on the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 1.72)]. FS Date: 6/27/2013					

Photo 1 of 3 : UCIP_SP_2018_15386_25249.jpg



Pumphouse on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	1.72	Rating **	M	Issue No.	50 (cont)	
LM End	1.72	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.289967 °	38.289967 °	
				-121.614873 °	-121.614873 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15386 DS_ID:22774 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: *ABANDONED* 10-inch steel drainage pipe through the levee, 8.3 feet below the crown. 6-foot by 11-foot corrugated metal pump house and gate valve on the waterside (WS) slope. 36-inch concrete standpipe on the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 1.72)]. FS Date: 6/27/2013						

LM Start	1.72	Rating **	M	Issue No.	50 (cont)
LM End	1.72	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_15386_25248.jpg



Pipe, pumphouse, and gate valve on WS slope.

Photo 3 of 3 : UCIP_SP_2018_15386_25247.jpg



Concrete standpipe on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	1.73	Rating **	M	Issue No.	8
LM End	1.76	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.289895 °	38.289595 °
				-121.614688 °	-121.614337 °
DWR ID	DWR_RD0999_02_s_2012_8				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 3 : SP_2018_RD0999_233_8_20180301_00004.jpg



Looking east at dense vegetation on landward shoulder and slope.
(Spring 2016)

LM Start	1.73	Rating **	M	Issue No.	8 (cont)
LM End	1.76	Issue Type +	En	Location *	LS

Photo 2 of 3 : SP_2018_RD0999_233_8_20180301_00005.jpg



Looking west at dense vegetation on landward shoulder and slope.
(Spring 2015)

LM Start	1.73	Rating **	M	Issue No.	8 (cont)
LM End	1.76	Issue Type +	En	Location *	LS

Photo 3 of 3 : SP_2018_RD0999_233_8_20180301_00006.jpg



Looking east at elderberry bush on landside shoulder and slope. (Fall 2014)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	1.78	Rating **	M	Issue No.	51
LM End	1.78	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.289357 °	38.289357 °
				-121.614089 °	-121.614089 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41069 DS_ID:22775 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Appears abandoned. FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee, 4 feet below the crown. Used during irrigation season with a portable pump. 7-foot by 7-foot concrete pump house sump on the waterside (WS) shoulder with pump mount. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 1.78)]. FS Date: 6/27/2013					

Photo 1 of 2 : UCIP_SP_2018_41069_25251.jpg



7'X7' concrete pumphouse sump on WS shoulder.

LM Start	1.78	Rating **	M	Issue No.	51 (cont)
LM End	1.78	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_41069_25250.jpg



Pump mount inside foundation at WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	1.81	Rating **	A/W	Issue No.	30
LM End	1.81	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.289079 °	38.289079 °
				-121.613765 °	-121.613765 °
DWR ID	DWR_RD0999_02_f_2017_30				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					

No Photos

LM Start	1.93	Rating **	M	Issue No.	16
LM End	1.93	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.288713 °	38.288713 °
				-121.611620 °	-121.611620 °
DWR ID	DWR_RD0999_02_s_2012_16				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	1.97	Rating **	A/W	Issue No.	33
LM End	1.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.288712 °	38.288712 °
				-121.610920 °	-121.610920 °
DWR ID	DWR_RD0999_02_s_2017_33				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	2.28	Rating **	M	Issue No.	52
LM End	2.28	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.286666 °	38.286666 °
				-121.606803 °	-121.606803 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15703 DS_ID:22770 EP_NO: 3855 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe not capped on LS and not found on WS. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee, 4 feet below the crown. Capped during winter months. 6-inch pipe sleeved through the 10-inch pipe during irrigation season. (Permit No. 3855, 1962 - K. Barsoom). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 2.31)]. FS Date: 6/27/2013					

Photo 1 of 3 : UCIP_SP_2018_15703_26125.jpg



Pipe visible just off shoulder on LS slope in the rose bushes.

LM Start	2.28	Rating **	M	Issue No.	52 (cont)
LM End	2.28	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_15703_26124.jpg



Pipe visible just off shoulder on LS slope in the rose bushes.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Miner Slough	Right	2.31	05/02/2018 05/02/2018	Dave Torres

LM Start	2.28	Rating **	M	Issue No.	52 (cont)	
LM End	2.28	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.286666 °	38.286666 °	
				-121.606803 °	-121.606803 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15703 DS_ID:22770 EP_NO: 3855 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe not capped on LS and not found on WS. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee, 4 feet below the crown. Capped during winter months. 6-inch pipe sleeved through the 10-inch pipe during irrigation season. (Permit No. 3855, 1962 - K. Barsoom). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 2.31)]. FS Date: 6/27/2013						

Photo 3 of 3 : UCIP_SP_2018_15703_26123.jpg



Pipe partially filled with soil and open on LS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2018 Levee Inspection Results

Reclamation District No. 0999 Netherlands

Waterway			Bank	Unit Miles
Unit No. 03 Sutter Slough			Right	3.74
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/2/2018 - 5/2/2018			
DWR Inspector	Dave Torres			
Accompanied By	Tom Slater RD999			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	0.01	Rating **	M	Issue No.	16
LM End	0.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.286678 °	38.286678 °
				-121.605971 °	-121.605971 °
DWR ID	DWR_RD0999_03_f_2017_16				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_234_16_20180301_00017.jpg



View of waterside slope looking east.

LM Start	0.04	Rating **	M	Issue No.	32
LM End	0.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.287040 °	38.287040 °
				-121.605667 °	-121.605667 °
DWR ID	DWR_RD0999_03_f_2017_32				
Comment Code					
PR : Prunings					
Inspector Comment					
Large pruning pile on waterside slope.					

Photo 1 of 1 : SP_2018_RD0999_234_32_20180301_00033.jpg



View of waterside slope looking east.

LM Start	0.06	Rating **	M	Issue No.	17
LM End	0.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.287290 °	38.287290 °
				-121.605472 °	-121.605472 °
DWR ID	DWR_RD0999_03_s_2017_17				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Century plants on waterward slope.					

Photo 1 of 1 : SP_2018_RD0999_234_17_20180301_00018.jpg



Looking east at century plants on waterward slope.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	0.09	Rating **	M	Issue No.	23
LM End	0.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.287595 °	38.287595 °
				-121.605275 °	-121.605275 °
DWR ID	DWR_RD0999_03_s_2017_23				
Comment Code					
PR : Prunings					
Inspector Comment					
Large pruning piles on waterward slope.					

Photo 1 of 1 : SP_2018_RD0999_234_23_20180301_00023.jpg



Looking east large pruning piles on waterward slope.

LM Start	0.18	Rating **	M	Issue No.	44
LM End	0.18	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.288813 °	38.288813 °
				-121.604670 °	-121.604670 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15389 DS_ID:22776 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: *ABANDONED* 10-inch steel irrigation pipe through the levee, 6.2 feet below the crown. Abandoned 4-foot by 7-foot concrete pump house and gate valve on the landside (LS) slope. Plate welded on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 0.17)]. FS Date: 6/27/2013					

Photo 1 of 3 : UCIP_SP_2018_15389_25254.jpg



Pumphouse on LS slope covered in rose bush.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	0.18	Rating **	M	Issue No.	44 (cont)	
LM End	0.18	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.288813 °		38.288813 °
				-121.604670 °		-121.604670 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15389 DS_ID:22776 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: *ABANDONED* 10-inch steel irrigation pipe through the levee, 6.2 feet below the crown. Abandoned 4-foot by 7-foot concrete pump house and gate valve on the landside (LS) slope. Plate welded on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 0.17)]. FS Date: 6/27/2013						

Photo 2 of 3 : UCIP_SP_2018_15389_25253.jpg



Pipe visible on LS slope.

LM Start	0.18	Rating **	M	Issue No.	44 (cont)
LM End	0.18	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2018_15389_25252.jpg



Steel plate on WS end of pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	0.22	Rating **	A/W	Issue No.	7
LM End		Issue Type +	Ob	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.289394 °	°	
			-121.604538 °	°	
DWR ID	DWR_RD0999_03_f_2017_7				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:114					
Site Designation:305-01					
Repair Type: Seepage					
Rating:					
Field Date:					
Notes:					

No Photos

LM Start	0.22	Rating **	U	Issue No.	35
LM End	0.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.289427 °	38.290416 °	
			-121.604544 °	-121.604545 °	
DWR ID	DWR_RD0999_03_s_2018_35				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_234_35_20180507_00050.jpg



Vegetation landside looking north.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	0.22	Rating **	U	Issue No.	36
LM End	0.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.289427 °	38.290416 °
				-121.604544 °	-121.604545 °
DWR ID	DWR_RD0999_03_s_2018_36				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_234_36_20180507_00051.jpg



Vegetation waterside looking north.

LM Start	0.24	Rating **	U	Issue No.	29
LM End	0.65	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.289634 °	38.295505 °
				-121.604343 °	-121.605648 °
DWR ID	DWR_RD0999_03_s_2016_29				
Comment Code					
Inspector Comment					
1997 - Intermittent over-steepened sections. Large riparian vegetation along the length of the entire reach. Attempts to repair with rock on bank have failed. 1999 - New rock repair at the downstream end. 2002 - Some minor spot repairs. 2009 - Minimal new erosion. 2010 - Appears that fresh rock placed on downstream portion of site. Toe scour and overhanging trees with some overturned. 2012 - Minor new erosion at the toe. 2013 - Site upgraded to CRITICAL. Severe slumping into levee at downstream end of site. Fresh erosion into bank toe. 2015: New slumping, tall vertical sections. [2015 Site ID: STR_24-7_R]					

Photo 1 of 1 : SP_2018_RD0999_234_29_20180301_00029.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	0.38	Rating **	M	Issue No.	33
LM End	0.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.291640 °	38.291640 °
				-121.604799 °	-121.604799 °
DWR ID	DWR_RD0999_03_f_2017_33				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_234_33_20180301_00034.jpg



View of landside slope looking southwest.

LM Start	0.62	Rating **	M	Issue No.	37
LM End	0.67	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.295021 °	38.295839 °
				-121.605826 °	-121.605925 °
DWR ID	DWR_RD0999_03_s_2018_37				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					

No Photos

LM Start	0.66	Rating **	U	Issue No.	8
LM End	0.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.295618 °	38.295618 °
				-121.605923 °	-121.605923 °
DWR ID	DWR_RD0999_03_s_2012_8				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Dense veg on landward slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	0.93	Rating **	M	Issue No.	43
LM End	0.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.299130 °	38.299362 °
				-121.603768 °	-121.603462 °
DWR ID	DWR_RD0999_03_f_2014_43				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 2 : SP_2018_RD0999_234_43_20180301_00035.jpg



View of landside slope looking northeast.

LM Start	0.93	Rating **	M	Issue No.	43 (cont)
LM End	0.95	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_RD0999_234_43_20180301_00036.jpg



Looking at untrimmed trees on landward slope and toe.

LM Start	0.97	Rating **	M	Issue No.	30
LM End	1.10	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.299402 °	38.300542 °
				-121.603056 °	-121.601118 °
DWR ID	DWR_RD0999_03_s_2016_30				
Comment Code					
Inspector Comment					
2008 - Over steepened levee section. 2009 - Significant new erosion. 2010 - Minor new erosion. 2015: No observed changes. [2015 Site ID: STR_25-2_R]					

Photo 1 of 1 : SP_2018_RD0999_234_30_20180301_00030.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	1.43	Rating **	M	Issue No.	1
LM End	1.58	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.305229 °	38.306667 °
				-121.599933 °	-121.598266 °
DWR ID	DWR_RD0999_03_s_2016_1				
Comment Code					
Inspector Comment					
2011 - Toe scour along length of site and erosion pockets. 2012 - Site extended slighty upstream due to new erosion pocket. 2013 - Tall vertical sections at upstream end of site. 2015: No observed changes. [2015 Site ID: STR_25-7_R]					

Photo 1 of 1 : SP_2018_RD0999_234_1_20180301_00001.jpg



USACE 2013 Photo #1

LM Start	1.50	Rating **	M	Issue No.	11
LM End	1.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.306062 °	38.306062 °
				-121.599495 °	-121.599495 °
DWR ID	DWR_RD0999_03_s_2012_11				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 2 : SP_2018_RD0999_234_11_20180301_00010.jpg



Looking at untrimmed trees on landward slope and toe. (Fall 2016)

LM Start	1.50	Rating **	M	Issue No.	11 (cont)
LM End	1.50	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_RD0999_234_11_20180301_00011.jpg



Looking at untrimmed trees on landward slope and toe. (Spring 2016)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	1.53	Rating **	U	Issue No.	12
LM End	1.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.306332 °	38.306332 °
				-121.599109 °	-121.599109 °
DWR ID	DWR_RD0999_03_s_2012_12				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_234_12_20180301_00012.jpg



Looking east at untrimmed trees on landward slope.

LM Start	1.57	Rating **	M	Issue No.	13
LM End	1.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.306762 °	38.306948 °
				-121.598541 °	-121.598320 °
DWR ID	DWR_RD0999_03_s_2012_13				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_234_13_20180301_00013.jpg



Looking north at untrimmed trees on landward toe. (Spring 2015)

LM Start	1.61	Rating **	M	Issue No.	25
LM End	1.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.307295 °	38.307295 °
				-121.598202 °	-121.598202 °
DWR ID	DWR_RD0999_03_s_2017_25				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 2 : SP_2018_RD0999_234_25_20180301_00024.jpg



View of waterside slope looking east.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	1.61	Rating **	M	Issue No.	25 (cont)	
LM End	1.61	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.307295 °	38.307295 °	
				-121.598202 °	-121.598202 °	
DWR ID	DWR_RD0999_03_s_2017_25					
Comment Code						
PR : Prunings						
Inspector Comment						

Photo 2 of 2 : SP_2018_RD0999_234_25_20180301_00025.jpg



Looking east at several large pruning piles on waterward slope.

LM Start	1.66	Rating **	M	Issue No.	19
LM End	1.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.307883 °	38.307883 °
				-121.598407 °	-121.598407 °
DWR ID	DWR_RD0999_03_s_2018_19				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.67	Rating **	M	Issue No.	20
LM End	1.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.308087 °	38.308733 °
				-121.598565 °	-121.599021 °
DWR ID	DWR_RD0999_03_s_2018_20				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	1.68	Rating **	M	Issue No.	14
LM End	1.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.308129 °	38.308129 °
				-121.598610 °	-121.598610 °
DWR ID	DWR_RD0999_03_s_2012_14				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.71	Rating **	M	Issue No.	45	
LM End	1.71	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.308513 °	38.308513 °	
				-121.598874 °	-121.598874 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15392 DS_ID:22779 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be verified as being done so properly. FIELD_STRUCT_DESC: *ABANDONED* 5-inch steel irrigation pipe through the levee, 4.4 feet below the crown. Pump and valve in pump house on the waterside (WS) slope. Could not see the landside (LS) end of the pipe, February 1991. 1-inch galvanized iron electrical conduit at the same location. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 1.71)]. FS Date: 6/27/2013						

Photo 1 of 3 : UCIP_SP_2018_15392_25261.jpg



Pumphouse visible on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	1.71	Rating **	M	Issue No.	45 (cont)
LM End	1.71	Issue Type +	En	Location *	
Category	Supplemental	GPS Latitude/Longitude			
		Start	End		
Item	DWR UCIP Field Study	38.308513 °	38.308513 °		
		-121.598874 °	-121.598874 °		
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15392 DS_ID:22779 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be verified as being done so properly. FIELD_STRUCT_DESC: *ABANDONED* 5-inch steel irrigation pipe through the levee, 4.4 feet below the crown. Pump and valve in pump house on the waterside (WS) slope. Could not see the landside (LS) end of the pipe, February 1991. 1-inch galvanized iron electrical conduit at the same location. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 1.71)]. FS Date: 6/27/2013					

LM Start	1.71	Rating **	M	Issue No.	45 (cont)
LM End	1.71	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_15392_25260.jpg



1-inch galvanized iron electrical conduit on WS slope.

Photo 3 of 3 : UCIP_SP_2018_15392_25259.jpg



gatevalve inside pumphouse with no connection.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	1.83	Rating **	M	Issue No.	24
LM End	1.92	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.310291 °	38.311168 °
				-121.599110 °	-121.598006 °
DWR ID	DWR_RD0999_03_s_2018_24				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	2.00	Rating **	M	Issue No.	46
LM End	2.00	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.311709 °	38.311709 °
				-121.596713 °	-121.596713 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15393 DS_ID:22780 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: 7-inch steel irrigation pipe through the levee, 4.6 feet below the crown. Pump and gate valve on the waterside (WS) slope. Service pole on the landside (LS) slope. 1-inch galvanized iron electrical conduit at the same location. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 2.01)]. FS Date: 6/27/2013					

Photo 1 of 3 : UCIP_SP_2018_15393_25264.jpg



Pipe visible on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	2.00	Rating **	M	Issue No.	46 (cont)	
LM End	2.00	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.311709 °	38.311709 °	
				-121.596713 °	-121.596713 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15393						
DS_ID:22780						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pipe abandoned and should be done so properly.						
FIELD_STRUCT_DESC: 7-inch steel irrigation pipe through the levee,						
4.6 feet below the crown. Pump and gate valve on the waterside (WS)						
slope. Service pole on the landside (LS) slope. 1-inch galvanized iron						
electrical conduit at the same location. [Additional Reference(s): DWR						
Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised),						
October 1966, (HLM 2.01)].						
FS Date: 6/27/2013						

LM Start	2.00	Rating **	M	Issue No.	46 (cont)
LM End	2.00	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_15393_25263.jpg



Gate valve on WS slope at pump.

Photo 3 of 3 : UCIP_SP_2018_15393_25262.jpg



Galvanized iron pipe on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	2.32	Rating **	M	Issue No.	34
LM End	2.34	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.315046 °	38.315329 °
				-121.592678 °	-121.592564 °
DWR ID	DWR_RD0999_03_f_2017_34				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	2.54	Rating **	U	Issue No.	27
LM End	2.54	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.317840 °	38.317840 °
				-121.590895 °	-121.590895 °
DWR ID	DWR_RD0999_03_s_2012_27				
Comment Code					
EQ : Equipment					
Inspector Comment					
Diesel tank stored at landside toe.					

Photo 1 of 3 : SP_2018_RD0999_234_27_20180301_00026.jpg



Looking northwest at diesel tank and other farm equipment stored at landside toe. (Spring 2016)

LM Start	2.54	Rating **	U	Issue No.	27 (cont)
LM End	2.54	Issue Type +	En	Location *	LS

Photo 2 of 3 : SP_2018_RD0999_234_27_20180301_00027.jpg



Looking southwest at farm equipment stored at landside toe. (Fall Inspection 2012)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	2.54	Rating **	U	Issue No.	27 (cont)	
LM End	2.54	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.317840 °		38.317840 °
				-121.590895 °		-121.590895 °
DWR ID	DWR_RD0999_03_s_2012_27					
Comment Code						
EQ : Equipment						
Inspector Comment						
Diesel tank stored at landside toe.						

Photo 3 of 3 : SP_2018_RD0999_234_27_20180301_00028.jpg



Looking northwest at equipment at landside toe.

LM Start	2.56	Rating **	M	Issue No.	26
LM End	2.56	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.318073 °	38.318073 °
				-121.590818 °	-121.590818 °
DWR ID	DWR_RD0999_03_s_2018_26				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Cactus at landside toe.					

Photo 1 of 1 : SP_2018_RD0999_234_26_20180507_00052.jpg



Vegetation landside toe looking west.

LM Start	2.70	Rating **	M	Issue No.	38
LM End	2.70	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.320072 °	38.320072 °
				-121.590749 °	-121.590749 °
DWR ID	DWR_RD0999_03_s_2018_38				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	2.78	Rating **	M	Issue No.	28
LM End	2.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.321244 °	38.323362 °
				-121.590969 °	-121.590208 °
DWR ID	DWR_RD0999_03_s_2012_28				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	2.87	Rating **	M	Issue No.	21
LM End	2.92	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.322457 °	38.323042 °
				-121.590693 °	-121.590209 °
DWR ID	DWR_RD0999_03_s_2016_21				
Comment Code					
Inspector Comment					
2012 - Slumping of upper levee slope. 2015: No observed changes. [2015 Site ID: STR_27-1_R]					

Photo 1 of 1 : SP_2018_RD0999_234_21_20180301_00020.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	2.88	Rating **	M	Issue No.	47
LM End	2.88	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.322652 °	38.322652 °
				-121.590841 °	-121.590841 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15406 DS_ID:22782 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: This pipe is abandoned and should be done so properly. FIELD_STRUCT_DESC: *ABANDONED* 16-inch steel drainage pipe through the levee, 9.3 feet below the crown. Pump and gate valve in pump house on the landside (LS) slope. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 2.91)]. FS Date: 6/27/2013					

LM Start	2.88	Rating **	M	Issue No.	47 (cont)
LM End	2.88	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_15406_25285.jpg



Pumphouse on LS toe.

Photo 2 of 3 : UCIP_SP_2018_15406_25284.jpg



Pump and gatevalve inside pumphouse at LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	2.88	Rating **	M	Issue No.	47 (cont)	
LM End	2.88	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.322652 °		38.322652 °
				-121.590841 °		-121.590841 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15406 DS_ID:22782 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: This pipe is abandoned and should be done so properly. FIELD_STRUCT_DESC: *ABANDONED* 16-inch steel drainage pipe through the levee, 9.3 feet below the crown. Pump and gate valve in pump house on the landside (LS) slope. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 2.91)]. FS Date: 6/27/2013						

Photo 3 of 3 : UCIP_SP_2018_15406_25283.jpg



Pipe entering levee at LS toe.

LM Start	2.88	Rating **	U	Issue No.	10
LM End	2.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.322757 °	38.322757 °
				-121.590817 °	-121.590817 °
DWR ID	DWR_RD0999_03_f_2012_10				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Wild growth at landside slope and toe.					

Photo 1 of 2 : SP_2018_RD0999_234_10_20180507_00053.jpg



Trim thin trees landside looking west.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	2.88	Rating **	U	Issue No.	10 (cont)	
LM End	2.88	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.322757 °		38.322757 °
				-121.590817 °		-121.590817 °
DWR ID	DWR_RD0999_03_f_2012_10					
Comment Code						
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.						
Inspector Comment						
Wild growth at landside slope and toe.						

Photo 2 of 2 : SP_2018_RD0999_234_10_20180301_00006.jpg



Looking northwest at dense vegetation on landward slope and toe.
(Spring 2016)

LM Start	3.02	Rating **	U	Issue No.	31
LM End	3.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.323832 °	38.324031 °
				-121.588736 °	-121.587763 °
DWR ID	DWR_RD0999_03_s_2012_31				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 2 : SP_2018_RD0999_234_31_20180301_00031.jpg



Looking northwest at untrimmed trees on landward slope. (Spring 2016)

LM Start	3.02	Rating **	U	Issue No.	31 (cont)
LM End	3.08	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_RD0999_234_31_20180301_00032.jpg



Looking north at trimmed trees on landward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	3.05	Rating **	A/W	Issue No.	5
LM End	3.23	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.323667 °	38.325592 °
				-121.588226 °	-121.585925 °
DWR ID	DWR_RD0999_03_s_2016_5				
Comment Code					
Inspector Comment					
2011 - Multiple erosion pockets. Some likely from tree popouts. 2013 - Tall vertical sections. 2015: New tree popout and significant new erosion. [2015 Site ID: STR_27-3_R]					

Photo 1 of 1 : SP_2018_RD0999_234_5_20180301_00002.jpg



USACE 2013 Photo #1

LM Start	3.09	Rating **	A/W	Issue No.	9
LM End	3.12	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.323986 °	38.324275 °
				-121.587403 °	-121.586967 °
DWR ID	DWR_RD0999_03_f_2017_9				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:The damage consists of erosion of the lower waterside levee slope and bank approximately 147 feet in length along the west (right) bank of Sutter Slough. See attached pages for photos. Site location T06N R03E Section 36 and 25.					
Site ID No:355					
Site Designation:LMA-182					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/27/2017					
Notes:					

Photo 1 of 3 : LEVAL_SP_2018_355_2523.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	3.09	Rating **	A/W	Issue No.	9 (cont)	
LM End	3.12	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.323986 °	38.324275 °	
				-121.587403 °	-121.586967 °	
DWR ID	DWR_RD0999_03_f_2017_9					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:The damage consists of erosion of the lower waterside levee slope and bank approximately 147 feet in length along the west (right) bank of Sutter Slough. See attached pages for photos. Site location T06N R03E Section 36 and 25.						
Site ID No:355						
Site Designation:LMA-182						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:7/27/2017						
Notes:						

A photograph of a pond surrounded by trees and dense vegetation. The water is greenish, and the foreground is filled with tall grass and shrubs.

LM Start	3.09	Rating **	A/W	Issue No.	9 (cont)
LM End	3.12	Issue Type +	Ma	Location *	

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	3.18	Rating **	A/W	Issue No.	15
LM End	3.21	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.325053 °	38.325489 °
				-121.586347 °	-121.586100 °
DWR ID	DWR_RD0999_03_f_2017_15				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:The damage consists of erosion of the lower waterside levee slope and bank approximately 172 feet in length along the west (right) bank of Sutter Slough. See attached pages for photos. Site location T06N R04E Section 3 and 4.					
Site ID No:356					
Site Designation:LMA-183					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:7/27/2017					
Notes:					

Photo 1 of 3 : LEVAL_SP_2018_356_2492.jpg



LM Start	3.18	Rating **	A/W	Issue No.	15 (cont)
LM End	3.21	Issue Type +	Ma	Location *	

Photo 2 of 3 : LEVAL_SP_2018_356_2493.jpg



* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	3.18	Rating **	A/W	Issue No.	15 (cont)	
LM End	3.21	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.325053 °	38.325489 °	
				-121.586347 °	-121.586100 °	
DWR ID	DWR_RD0999_03_f_2017_15					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:The damage consists of erosion of the lower waterside levee slope and bank approximately 172 feet in length along the west (right) bank of Sutter Slough. See attached pages for photos. Site location T06N R04E Section 3 and 4.						
Site ID No:356						
Site Designation:LMA-183						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:7/27/2017						
Notes:						

Photo 3 of 3 : LEVAL_SP_2018_356_2499.jpg



LM Start	3.69	Rating **	U	Issue No.	22
LM End	3.71	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.331969 °	38.332156 °
				-121.584860 °	-121.584707 °
DWR ID	DWR_RD0999_03_s_2012_22				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 2 : SP_2018_RD0999_234_22_20180301_00021.jpg



Looking southwest at trimmed landscaping on landside slope, but still blocking levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sutter Slough	Right	3.74	05/02/2018 05/02/2018	Dave Torres

LM Start	3.69	Rating **	U	Issue No.	22 (cont)	
LM End	3.71	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.331969 °		38.332156 °
				-121.584860 °		-121.584707 °
DWR ID	DWR_RD0999_03_s_2012_22					
Comment Code						
V6 : Landscaping						
Inspector Comment						

Photo 2 of 2 : SP_2018_RD0999_234_22_20180301_00022.jpg



Looking northwest at landscaping on landside slope and toe. (Spring 2011)

LM Start	4.56	Rating **	M	Issue No.	18
LM End	4.68	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.313836 °	38.315407 °
				-121.592259 °	-121.591433 °
DWR ID	DWR_RD0999_03_s_2016_18				
Comment Code					
Inspector Comment					
2002 - Original rock over geotextile is sliding off and the end is coming unraveled. 2003 - Some minor new erosion on the downstream end. 2004 - Site has gotten worse. Underlined geofabric is exposed. 2005 - Still looks bad with exposed geotextile fabric. 2006 - Still have some new unraveling and exposed fabric. Site lengthened upstream. 2009 - Minimal new erosion. 2010 - geotextile fabric placed since last year, possible flood fight. 2012 - Exposed geotech style fabric, assume rock on top slid off. 2015: Erosion pockets covered with plastic. [2015 Site ID: STR_26-5_L]					

Photo 1 of 1 : SP_2018_RD0999_234_18_20180301_00019.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2018 Levee Inspection Results

Reclamation District No. 0999 Netherlands

Waterway			Bank	Unit Miles
Unit No. 04 Sacramento River			Right	1.22
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/3/2018 - 5/3/2018			
DWR Inspector	Dave Torres			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.00	Rating **	A/W	Issue No.	54
LM End	0.00	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.414022 °	38.414022 °
				-121.522986 °	-121.522986 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15708 DS_ID:22788 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: [Elk Slough Inlet Structure] 60-inch by 60-inch reinforced concrete drainage culvert through the levee, 30 feet below the crown. Slide gate in a 6-foot by 8-foot concrete vault on the waterside (WS) shoulder. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 0.00)]. FS Date: 7/12/2013					

Photo 1 of 2 : UCIP_SP_2018_15708_26137.jpg



Slide gate in concrete vault on WS shoulder.

LM Start	0.00	Rating **	A/W	Issue No.	54 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : UCIP_SP_2018_15708_26136.jpg



Toe of LS at approximate location of outlet/inlet.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.02	Rating **	A/W	Issue No.	8
LM End	0.28	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.414387 °	38.417692 °
				-121.522871 °	-121.525083 °
DWR ID	DWR_RD0999_04_s_2016_8				
Comment Code					
Inspector Comment					
1997 - Structural problem rather than erosional, failed cobble at downstream end. 2005 - New brush boxes at waterline for several hundred feet downstream, No toe or bank protection present. 2006 - Some minor new erosion. Brush boxes not working well; most of the brush has floated out. 2007 - Brush boxes have recently been repaired. 2015: No observed changes. [2015 Site ID: SAC_41-9_R]					

Photo 1 of 1 : SP_2018_RD0999_235_8_20180301_00006.jpg



USACE 2013 Photo #1

LM Start	0.03	Rating **	M	Issue No.	45
LM End	0.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.414335 °	38.414335 °
				-121.523348 °	-121.523348 °
DWR ID	DWR_RD0999_04_s_2017_45				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Large downed tree on landside slope.					

Photo 1 of 2 : SP_2018_RD0999_235_45_20180301_00034.jpg



Looking northwest at the landside slope.

LM Start	0.03	Rating **	M	Issue No.	45 (cont)
LM End	0.03	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_RD0999_235_45_20180301_00035.jpg



Looking west at fallen tree on landward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.04	Rating **	U	Issue No.	53
LM End	0.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.414533 °	38.414750 °
				-121.523394 °	-121.523543 °
DWR ID	DWR_RD0999_04_f_2017_53				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dense vegetation on waterside slope.					

Photo 1 of 1 : SP_2018_RD0999_235_53_20180301_00042.jpg



Looking southeast at the waterside slope.

LM Start	0.05	Rating **	M	Issue No.	13
LM End	0.11	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.414617 °	38.415467 °
				-121.523499 °	-121.524022 °
DWR ID	DWR_RD0999_04_s_2012_13				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_235_13_20180301_00011.jpg



Cyclone fence along landside shoulder at LM 0.05 -0.11

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.07	Rating **	M	Issue No.	55
LM End	0.07	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.414881 °	38.414881 °
				-121.523682 °	-121.523682 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15709 DS_ID:22789 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: *ABANDONED* 2-inch steel pipe of unknown purpose through the levee, 4.5 feet below the crown. Concrete blocks for missing pump and pressure system visible on the waterside (WS) slope. 8-inch steel standpipe on the WS toe with remnants of the 2-inch pipe visible at the top. Pipe visible at concrete foundation on the landside (LS) shoulder. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 0.02)]. FS Date: 7/12/2013					

LM Start	0.07	Rating **	M	Issue No.	55 (cont)
LM End	0.07	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_15709_26140.jpg



Pipe visible at concrete foundation on LS shoulder.

Photo 2 of 3 : UCIP_SP_2018_15709_26139.jpg



Pipe visible at concrete foundation on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.07	Rating **	M	Issue No.	55 (cont)	
LM End	0.07	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.414881 °	38.414881 °	
				-121.523682 °	-121.523682 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15709 DS_ID:22789 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: *ABANDONED* 2-inch steel pipe of unknown purpose through the levee, 4.5 feet below the crown. Concrete blocks for missing pump and pressure system visible on the waterside (WS) slope. 8-inch steel standpipe on the WS toe with remnants of the 2-inch pipe visible at the top. Pipe visible at concrete foundation on the landside (LS) shoulder. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 0.02)]. FS Date: 7/12/2013						

Photo 3 of 3 : UCIP_SP_2018_15709_26138.jpg



Pipe visible at top of steel standpipe. Foundation for pump station visible on WS slope.

LM Start	0.10	Rating **	A/W	Issue No.	42
LM End	0.29	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.415319 °	38.417744 °
				-121.523717 °	-121.525344 °
DWR ID	DWR_RD0999_04_f_2017_42				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:The damage consists of erosion of the lower and mid waterside levee slope approximately 997 feet in length along the west (right) bank of the Sacramento River. See attached pages for photos. Site location T06N R04E Section 3 and 4.					
Site ID No:357					
Site Designation:LMA-184					
Repair Type: Erosion					
Rating:Serious					
Field Date:7/27/2017					
Notes: on bank slope, big trees with exposed tree roots observed					

Photo 1 of 3 : LEVAL_SP_2018_357_2461.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

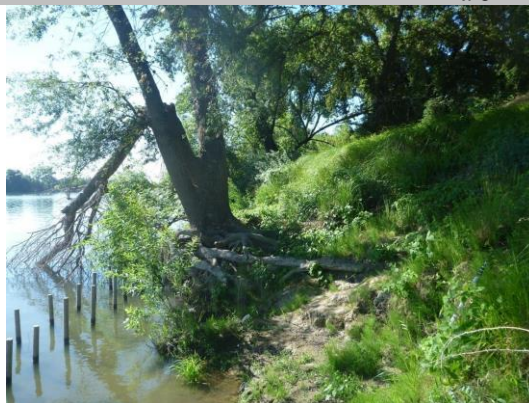
Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.10	Rating **	A/W	Issue No.	42 (cont)
LM End	0.29	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.415319 °	38.417744 °
				-121.523717 °	-121.525344 °
DWR ID	DWR_RD0999_04_f_2017_42				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:The damage consists of erosion of the lower and mid waterside levee slope approximately 997 feet in length along the west (right) bank of the Sacramento River. See attached pages for photos. Site location T06N R04E Section 3 and 4.					
Site ID No:357					
Site Designation:LMA-184					
Repair Type: Erosion					
Rating:Serious					
Field Date:7/27/2017					
Notes: on bank slope, big trees with exposed tree roots observed					

Photo 2 of 3 : LEVAL_SP_2018_357_2465.jpg



LM Start	0.10	Rating **	A/W	Issue No.	42 (cont)
LM End	0.29	Issue Type +	Ma	Location *	

Photo 3 of 3 : LEVAL_SP_2018_357_2475.jpg



* Location
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

** Rating
 A : Acceptable
 M : Minimally Acceptable
 U : Unacceptable
 N : Not Inspected/Rated
 C : Corrected
 A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.11	Rating **	A/W	Issue No.	15
LM End	0.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.415425 °	38.416733 °
				-121.523920 °	-121.524705 °
DWR ID	DWR_RD0999_04_s_2017_15				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Waterside erosion 2ft vertical cut.					

Photo 1 of 2 : SP_2018_RD0999_235_15_20180301_00012.jpg



Looking downstream at 2ft plus vertical erosion on waterward slope.

LM Start	0.11	Rating **	A/W	Issue No.	15 (cont)
LM End	0.21	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2018_RD0999_235_15_20180301_00013.jpg



Looking upstream at 2ft plus vertical erosion on waterward slope.

LM Start	0.16	Rating **	U	Issue No.	38
LM End	0.17	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.416090 °	38.416167 °
				-121.524343 °	-121.524391 °
DWR ID	DWR_RD0999_04_f_2015_38				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Dense landscaping on landside slope and toe.					

Photo 1 of 2 : SP_2018_RD0999_235_38_20180301_00025.jpg



Looking northwest at dense landscaping on landward slope and toe.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.16	Rating **	U	Issue No.	38 (cont)	
LM End	0.17	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.416090 °		38.416167 °
				-121.524343 °		-121.524391 °
DWR ID	DWR_RD0999_04_f_2015_38					
Comment Code						
V6 : Landscaping						
Inspector Comment						
Dense landscaping on landside slope and toe.						

Photo 2 of 2 : SP_2018_RD0999_235_38_20180301_00026.jpg



Looking southwest at dense landscaping on landward slope and toe.

LM Start	0.20	Rating **	M	Issue No.	24
LM End	0.24	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.416653 °	38.417070 °
				-121.524656 °	-121.525006 °
DWR ID	DWR_RD0999_04_s_2012_24				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	0.29	Rating **	U	Issue No.	36
LM End	0.29	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.417809 °	38.417809 °
				-121.525488 °	-121.525488 °
DWR ID	DWR_RD0999_04_f_2014_36				
Comment Code					
BU : Building					
Inspector Comment					
Land owner built patio structure next to mobile diner on waterside shoulder area without Board permit.					

Photo 1 of 3 : SP_2018_RD0999_235_36_20180301_00022.jpg



Looking northeast at patio on waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.31	Rating **	U	Issue No.	12 (cont)	
LM End	0.35	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.417962 °		38.418449 °
				-121.525709 °		-121.526015 °
DWR ID	DWR_RD0999_04_s_2012_12					
Comment Code						
V6 : Landscaping						
Inspector Comment						

Photo 2 of 2 : SP_2018_RD0999_235_12_20180301_00010.jpg



Looking northwest at dense vegetation on landside shoulder and slope.

LM Start	0.36	Rating **	M	Issue No.	1
LM End	0.47	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.418593 °	38.420004 °
				-121.526024 °	-121.526962 °
DWR ID	DWR_RD0999_04_s_2012_1				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_235_1_20180301_00001.jpg



Looking north at rose bushes on waterside slope.

LM Start	0.38	Rating **	U	Issue No.	11
LM End	0.50	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.418871 °	38.420451 °
				-121.526257 °	-121.527386 °
DWR ID	DWR_RD0999_04_s_2012_11				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 2 : SP_2018_RD0999_235_11_20180301_00007.jpg



Looking northwest at dense landscaping on landward slope. (Spring 2015)

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.38	Rating **	U	Issue No.	11 (cont)	
LM End	0.50	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Vegetation			38.418871 °	38.420451 °	
				-121.526257 °	-121.527386 °	
DWR ID	DWR_RD0999_04_s_2012_11					
Comment Code						
V6 : Landscaping						
Inspector Comment						

Photo 2 of 2 : SP_2018_RD0999_235_11_20180301_00008.jpg



Looking west at century plants on landside shoulder and slope.

LM Start	0.43	Rating **	M	Issue No.	51
LM End	0.43	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.419572 °	38.419572 °
				-121.526715 °	-121.526715 °
DWR ID	DWR_RD0999_04_f_2017_51				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	0.53	Rating **	M	Issue No.	37
LM End	0.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.420791 °	38.421219 °
				-121.527553 °	-121.527913 °
DWR ID	DWR_RD0999_04_s_2015_37				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.55	Rating **	M	Issue No.	44
LM End	0.59	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.421108 °	38.421513 °
				-121.527805 °	-121.528102 °
DWR ID	DWR_RD0999_04_f_2016_44				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.60	Rating **	M	Issue No.	19
LM End	0.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.421647 °	38.421997 °
				-121.528235 °	-121.528470 °
DWR ID	DWR_RD0999_04_s_2012_19				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.63	Rating **	M	Issue No.	34
LM End	0.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.422096 °	38.422096 °
				-121.528486 °	-121.528486 °
DWR ID	DWR_RD0999_04_s_2018_34				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side WS : Water Side CR : Crown		A : Acceptable M : Minimally Acceptable U : Unacceptable		Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
N/A : Not Applicable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.65	Rating **	M	Issue No.	35
LM End	0.65	Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.422337 °	38.422337 °
				-121.528690 °	-121.528690 °
DWR ID	DWR_RD0999_04_s_2018_35				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	0.71	Rating **	M	Issue No.	56
LM End	0.71	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.423062 °	38.423062 °
				-121.529241 °	-121.529241 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15712					
DS_ID:22791					
EP_NO: 3973					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Slide gate broken on LS toe. Appears it may be abandoned.					
FIELD_STRUCT_DESC: 18-inch steel drainage pipe through the levee, 4.7 feet below the crown. Air vent in an 18-inch steel standpipe on the waterside (WS) shoulder. Gate valve on the landside (LS) toe. (Permit No. 3973, 1962 - American Crystal Sugar Company). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 0.71)].					
FS Date: 7/12/2013					

Photo 1 of 3 : UCIP_SP_2018_15712_26150.jpg



Air vent in standpipe on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.71	Rating **	M	Issue No.	56 (cont)	
LM End	0.71	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.423062 °	38.423062 °	
				-121.529241 °	-121.529241 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15712						
DS_ID:22791						
EP_NO: 3973						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Slide gate broken on LS toe. Appears it may be abandoned.						
FIELD_STRUCT_DESC: 18-inch steel drainage pipe through the levee, 4.7 feet below the crown. Air vent in an 18-inch steel standpipe on the waterside (WS) shoulder. Gate valve on the landside (LS) toe. (Permit No. 3973, 1962 - American Crystal Sugar Company). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 0.71)].						
FS Date: 7/12/2013						

LM Start	0.71	Rating **	M	Issue No.	56 (cont)
LM End	0.71	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_15712_26149.jpg



Electrical panel, water meter, and gate valve on LS toe.

Photo 3 of 3 : UCIP_SP_2018_15712_26148.jpg



Gate valve on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.74	Rating **	M	Issue No.	57
LM End	0.74	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.423418 °	38.423418 °
				-121.529486 °	-121.529486 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15725 DS_ID:22796 EP_NO: 10514 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 1 of 3: 3.5-inch discharge pipe of an unknown material through the levee, 3.8 feet below the crown. Siphon breaker at headwall on the waterside (WS) slope. (Permit No. 10514, 1975 - The Newhall Land and Farming Company). [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 7/12/2013					

Photo 1 of 3 : UCIP_SP_2018_15725_26181.jpg



Discharge pipe at concrete pad then down slope to water.

LM Start	0.74	Rating **	M	Issue No.	57 (cont)
LM End	0.74	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_15725_26180.jpg



Siphon breaker at headwall on WS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.74	Rating **	M	Issue No.	57 (cont)	
LM End	0.74	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.423418 °	38.423418 °	
				-121.529486 °	-121.529486 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15725 DS_ID:22796 EP_NO: 10514 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 1 of 3: 3.5-inch discharge pipe of an unknown material through the levee, 3.8 feet below the crown. Siphon breaker at headwall on the waterside (WS) slope. (Permit No. 10514, 1975 - The Newhall Land and Farming Company). [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 7/12/2013						

Photo 3 of 3 : UCIP_SP_2018_15725_26179.jpg



Pipe with gate valve off LS toe.

LM Start	0.74	Rating **	M	Issue No.	58
LM End	0.74	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.423429 °	38.423429 °
				-121.529491 °	-121.529491 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41556					
DS_ID:22794					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Good candidate for video inspection.					
FIELD_STRUCT_DESC: 10-inch steel conduit of an unknown purpose through the levee, 3.8 feet below the crown. 4.5-inch galvanized iron pipe sleeved through the 10-inch conduit with annular space grouted.					
[Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 0.73)].					
FS Date: 7/12/2013					

Photo 1 of 3 : UCIP_SP_2018_41556_26160.jpg



Pump on pier for 4.5-inch pipe sleeved through 10-inch.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.74	Rating **	M	Issue No.	58 (cont)	
LM End	0.74	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.423429 °	38.423429 °	
				-121.529491 °	-121.529491 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41556						
DS_ID:22794						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Good candidate for video inspection.						
FIELD_STRUCT_DESC: 10-inch steel conduit of an unknown purpose						
through the levee, 3.8 feet below the crown. 4.5-inch galvanized iron						
pipe sleeved through the 10-inch conduit with annular space grouted.						
[Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento						
O&M Manual 113 (Revised), October 1966, (HLM 0.73)].						
FS Date: 7/12/2013						

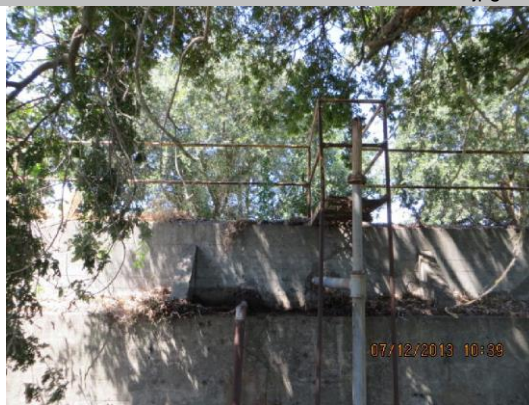
LM Start	0.74	Rating **	M	Issue No.	58 (cont)
LM End	0.74	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_41556_26159.jpg



4.5-inch pipe at headwall on WS slope.

Photo 3 of 3 : UCIP_SP_2018_41556_26158.jpg



4.5-inch pipe at headwall on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.74	Rating **	M	Issue No.	59	
LM End	0.74	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.423418 °	38.423418 °	
				-121.529486 °	-121.529486 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41535						
DS_ID:22795						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pipes appear abandoned and should be checked usage or abandoned properly.						
FIELD_STRUCT_DESC: 3.5-inch galvanized iron electrical conduit through the levee, 3.8 feet below the crown. Concrete headwall and pad on the waterside (WS) slope. Pipe open on the WS. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (revision), October 1966, (HLM 0.73), listed as two 10-inch pipes].						
FS Date: 7/12/2013						

LM Start	0.74	Rating **	M	Issue No.	59 (cont)
LM End	0.74	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP_SP_2018_41535_26167.jpg



Electrical conduit shown at bottom of picture (pipe with 90-degree bend).

Photo 2 of 2 : UCIP_SP_2018_41535_26166.jpg



3.5-inch electrical conduit shown at left of 10-inch pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.74	Rating **	M	Issue No.	60	
LM End	0.74	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.423429 °	38.423429 °	
				-121.529491 °	-121.529491 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41070						
DS_ID:22811						
EP_NO: 10514						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Need to determine disposition of pipe and if abandoned, it should be done so properly.						
FIELD_STRUCT_DESC: 2 of 3: 4.5-inch galvanized iron irrigation pipe through the levee, 3 feet below the crown. Slant pump, steel walkway, and steel vent pipe on the waterside (WS) slope. Shutoff valve off the landside (LS) toe. (Permit No. 10514, 1975 - The Newhall Land and Farming Company). [Additional Reference(s): DWR Levee Log, 1992].						
FS Date: 7/12/2013						

Photo 1 of 3 : UCIP_SP_2018_41070_26174.jpg



Pipe and slant pump on WS at concrete pad.

LM Start	0.74	Rating **	M	Issue No.	60 (cont)
LM End	0.74	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_41070_26173.jpg



Pipe, walkway, and vent on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.74	Rating **	M	Issue No.	60 (cont)	
LM End	0.74	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.423429 °	38.423429 °	
				-121.529491 °	-121.529491 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41070 DS_ID:22811 EP_NO: 10514 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine disposition of pipe and if abandoned, it should be done so properly. FIELD_STRUCT_DESC: 2 of 3: 4.5-inch galvanized iron irrigation pipe through the levee, 3 feet below the crown. Slant pump, steel walkway, and steel vent pipe on the waterside (WS) slope. Shutoff valve off the landside (LS) toe. (Permit No. 10514, 1975 - The Newhall Land and Farming Company). [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 7/12/2013						

Photo 3 of 3 : UCIP_SP_2018_41070_26175.jpg



Pipe with cap or gate valve on end off LS toe.

LM Start	0.75	Rating **	N	Issue No.	17
LM End	0.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.423560 °	38.423560 °
				-121.529653 °	-121.529653 °
DWR ID	DWR_RD0999_04_f_2017_17				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.79	Rating **	U	Issue No.	33
LM End	0.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.424068 °	38.424068 °
				-121.530017 °	-121.530017 °
DWR ID	DWR_RD0999_04_s_2018_33				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove downed tree on landside slope.					

Photo 1 of 1 : SP_2018_RD0999_235_33_20180503_00085.jpg



Downed tree landside looking southwest.

LM Start	0.82	Rating **	M	Issue No.	61
LM End	0.82	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.424399 °	38.424399 °
				-121.530178 °	-121.530178 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16389 DS_ID:22797 EP_NO: 1624 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: 16-inch steel irrigation pipe through the levee, 3 feet below the crown. Pump and pile structure removed from the waterside (WS) toe. Steel plate welded over the WS end. (Permit No. 1624, 1951 - American Crystal Sugar Company. Replaces an existing facility north of this location). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 0.81)]. FS Date: 7/12/2013					

Photo 1 of 2 : UCIP_SP_2018_16389_27669.jpg



Pipe with steel plate welded over WS end.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.82	Rating **	M	Issue No.	61 (cont)	
LM End	0.82	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.424399 °		38.424399 °
				-121.530178 °		-121.530178 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:16389						
DS_ID:22797						
EP_NO: 1624						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pipe abandoned and should be done so properly.						
FIELD_STRUCT_DESC: 16-inch steel irrigation pipe through the levee,						
3 feet below the crown. Pump and pile structure removed from the						
waterside (WS) toe. Steel plate welded over the WS end. (Permit No.						
1624, 1951 - American Crystal Sugar Company. Replaces an existing						
facility north of this location). [Additional Reference(s): DWR Levee Log,						
1992. USACE Sacramento O&M Manual 113 (Revised), October 1966,						
(HLM 0.81)].						
FS Date: 7/12/2013						

Photo 2 of 2 : UCIP_SP_2018_16389_27668.jpg



Pipe and vent/siphon breaker on LS slope.

LM Start	0.82	Rating **	N	Issue No.	14
LM End	0.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.424432 °	38.424432 °
				-121.530265 °	-121.530265 °
DWR ID	DWR_RD0999_04_s_2012_14				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.84	Rating **	N	Issue No.	9
LM End	0.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.424722 °	38.424722 °
				-121.530470 °	-121.530470 °
DWR ID	DWR_RD0999_04_s_2012_9				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	0.85	Rating **	M	Issue No.	50
LM End	0.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.424805 °	38.424805 °
				-121.530541 °	-121.530541 °
DWR ID	DWR_RD0999_04_f_2017_50				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_235_50_20180301_00041.jpg



Looking west at the landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.90	Rating **	M	Issue No.	62
LM End	0.90	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.425514 °	38.425514 °
				-121.530970 °	-121.530970 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16385					
DS_ID:22809					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe abandoned and should be done so properly.					
FIELD_STRUCT_DESC: *ABANDONED* 5 of 6: 3.5-inch pipe of an					
unknown material or purpose through the levee, 2.5 feet below the					
crown. Pipe visible in a concrete well on the landside (LS) shoulder.					
[Additional Reference(s): DWR Levee Log, 1992].					
FS Date: 7/12/2013					

Photo 1 of 3 : UCIP_SP_2018_16385_27655.jpg



Pipe in concrete vault on LS shoulder.

LM Start	0.90	Rating **	M	Issue No.	62 (cont)
LM End	0.90	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_16385_27654.jpg



Pipe in concrete vault on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.90	Rating **	M	Issue No.	62 (cont)	
LM End	0.90	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.425514 °	38.425514 °	
				-121.530970 °	-121.530970 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:16385						
DS_ID:22809						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pipe abandoned and should be done so properly.						
FIELD_STRUCT_DESC: *ABANDONED* 5 of 6: 3.5-inch pipe of an						
unknown material or purpose through the levee, 2.5 feet below the						
crown. Pipe visible in a concrete well on the landside (LS) shoulder.						
[Additional Reference(s): DWR Levee Log, 1992].						
FS Date: 7/12/2013						

Photo 3 of 3 : UCIP_SP_2018_16385_27653.jpg



Pipe assumed to be in concrete vault on WS shoulder.

LM Start	0.90	Rating **	M	Issue No.	63
LM End	0.90	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.425514 °	38.425514 °
				-121.530970 °	-121.530970 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16386					
DS_ID:22810					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe abandoned and should be done so properly.					
FIELD_STRUCT_DESC: *ABANDONED* 6 of 6: 3.5-inch pipe of an					
unknown material or purpose through the levee, 2.5 feet below the					
crown. Pipe visible in a concrete well on the landside (LS) shoulder.					
[Additional Reference(s): DWR Levee Log, 1992].					
FS Date: 7/12/2013					

Photo 1 of 3 : UCIP_SP_2018_16386_27661.jpg



Pipes visible in concrete well on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.90	Rating **	M	Issue No.	63 (cont)	
LM End	0.90	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.425514 °	38.425514 °	
				-121.530970 °	-121.530970 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:16386 DS_ID:22810 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: *ABANDONED* 6 of 6: 3.5-inch pipe of an unknown material or purpose through the levee, 2.5 feet below the crown. Pipe visible in a concrete well on the landside (LS) shoulder. [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 7/12/2013						

Photo 2 of 3 : UCIP_SP_2018_16386_27660.jpg



Pipes visible in concrete well on LS shoulder.

LM Start	0.90	Rating **	M	Issue No.	63 (cont)
LM End	0.90	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2018_16386_27659.jpg



Assumed pipes are visible in concrete well on WS shoulder. Soil covers lid on concrete well.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.91	Rating **	M	Issue No.	64
LM End	0.91	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.425514 °	38.425514 °
				-121.530970 °	-121.530970 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15728					
DS_ID:22806					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe abandoned and should be done so properly.					
FIELD_STRUCT_DESC: *ABANDONED* 2 of 6: 3.5-inch pipe of an					
unknown material or purpose through the levee, 2.5 feet below the					
crown. Pipe visible in a concrete well on the landside (LS) shoulder and					
likely in a covered concrete well on the waterside (WS) shoulder.					
[Additional Reference(s): DWR Levee Log, 1992].					
FS Date: 7/12/2013					

Photo 1 of 3 : UCIP_SP_2018_15728_26189.jpg



Pipes visible in concrete well on LS shoulder.

LM Start	0.91	Rating **	M	Issue No.	64 (cont)
LM End	0.91	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_15728_26188.jpg



Pipes visible in concrete well on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.91	Rating **	M	Issue No.	64 (cont)	
LM End	0.91	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.425514 °		38.425514 °
				-121.530970 °		-121.530970 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15728						
DS_ID:22806						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pipe abandoned and should be done so properly.						
FIELD_STRUCT_DESC: *ABANDONED* 2 of 6: 3.5-inch pipe of an						
unknown material or purpose through the levee, 2.5 feet below the						
crown. Pipe visible in a concrete well on the landside (LS) shoulder and						
likely in a covered concrete well on the waterside (WS) shoulder.						
[Additional Reference(s): DWR Levee Log, 1992].						
FS Date: 7/12/2013						

Photo 3 of 3 : UCIP_SP_2018_15728_26187.jpg



Assumed pipes are in concrete well on WS shoulder at same location.

LM Start	0.91	Rating **	M	Issue No.	65	
LM End	0.91	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.425514 °	38.425514 °	
				-121.530970 °	-121.530970 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15727						
DS_ID:22799						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pipes abandoned and should be done so properly.						
FIELD_STRUCT_DESC: *ABANDONED* 1 of 6: 3.5-inch pipe of an						
unknown material or purpose through the levee, 2.5 feet below the						
crown. Pipe visible in a concrete well on the landside (LS) shoulder.						
Concrete well on the waterside (WS) shoulder is visible, but access is						
covered with soil. [Additional Reference(s): DWR Levee Log, 1992].						
FS Date: 7/12/2013						

Photo 1 of 3 : UCIP_SP_2018_15727_26186.jpg



Pipes in concrete well on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.91	Rating **	M	Issue No.	65 (cont)	
LM End	0.91	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.425514 °	38.425514 °	
				-121.530970 °	-121.530970 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15727						
DS_ID:22799						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pipes abandoned and should be done so properly.						
FIELD_STRUCT_DESC: *ABANDONED* 1 of 6: 3.5-inch pipe of an						
unknown material or purpose through the levee, 2.5 feet below the						
crown. Pipe visible in a concrete well on the landside (LS) shoulder.						
Concrete well on the waterside (WS) shoulder is visible, but access is						
covered with soil. [Additional Reference(s): DWR Levee Log, 1992].						
FS Date: 7/12/2013						

Photo 2 of 3 : UCIP_SP_2018_15727_26185.jpg



Pipes in concrete well on LS shoulder.

LM Start	0.91	Rating **	M	Issue No.	65 (cont)
LM End	0.91	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2018_15727_26184.jpg



Assumed pipes inside concrete well on WS shoulder at same location.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.91	Rating **	M	Issue No.	66	
LM End	0.91	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.425514 °	38.425514 °	
				-121.530970 °	-121.530970 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:16384						
DS_ID:22807						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pipe abandoned and should be done so properly.						
FIELD_STRUCT_DESC: *ABANDONED* 3 of 6: 3.5-inch pipe of an						
unknown material or purpose through the levee, 2.5 feet below the						
crown. Pipe visible in concrete wells on the landside (LS) and the						
waterside (WS) shoulders. [Additional Reference(s): DWR Levee Log,						
1992].						
FS Date: 7/12/2013						

Photo 1 of 3 : UCIP_SP_2018_16384_27649.jpg



Pipe in concrete vault on WS shoulder.

LM Start	0.91	Rating **	M	Issue No.	66 (cont)
LM End	0.91	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_16384_27648.jpg



Pipe in concrete vault on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.91	Rating **	M	Issue No.	66 (cont)	
LM End	0.91	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.425514 °	38.425514 °	
				-121.530970 °	-121.530970 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:16384						
DS_ID:22807						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pipe abandoned and should be done so properly.						
FIELD_STRUCT_DESC: *ABANDONED* 3 of 6: 3.5-inch pipe of an						
unknown material or purpose through the levee, 2.5 feet below the						
crown. Pipe visible in concrete wells on the landside (LS) and the						
waterside (WS) shoulders. [Additional Reference(s): DWR Levee Log,						
1992].						
FS Date: 7/12/2013						

Photo 3 of 3 : UCIP_SP_2018_16384_27647.jpg



Pipe assumed to be in concrete well on WS shoulder.

LM Start	0.91	Rating **	C	Issue No.	2
LM End	0.91	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.425607 °	38.425607 °
				-121.530937 °	-121.530937 °
DWR ID	DWR_RD0999_04_s_2012_2				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.91	Rating **	M	Issue No.	67	
LM End	0.91	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.425514 °	38.425514 °	
				-121.530970 °	-121.530970 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15733 DS_ID:22808 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: *ABANDONED* 4 of 6: 3.5-inch pipe of an unknown material or purpose through the levee, 2.5 feet below the crown. Pipe visible in concrete wells on the landside (LS) and the waterside (WS) shoulders. [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 7/12/2013						

Photo 1 of 3 : UCIP_SP_2018_15733_26197.jpg



Pipe in concrete well on LS shoulder.

LM Start	0.91	Rating **	M	Issue No.	67 (cont)
LM End	0.91	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_15733_26196.jpg



Pipe in concrete well on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.91	Rating **	M	Issue No.	67 (cont)	
LM End	0.91	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.425514 °	38.425514 °	
				-121.530970 °	-121.530970 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15733						
DS_ID:22808						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pipe abandoned and should be done so properly.						
FIELD_STRUCT_DESC: *ABANDONED* 4 of 6: 3.5-inch pipe of an						
unknown material or purpose through the levee, 2.5 feet below the						
crown. Pipe visible in concrete wells on the landside (LS) and the						
waterside (WS) shoulders. [Additional Reference(s): DWR Levee Log,						
1992].						
FS Date: 7/12/2013						

Photo 3 of 3 : UCIP_SP_2018_15733_26195.jpg



Pipe assumed visible in concrete well on WS shoulder.

LM Start	0.93	Rating **	M	Issue No.	21
LM End	0.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.425857 °	38.425857 °
				-121.531270 °	-121.531270 °
DWR ID	DWR_RD0999_04_s_2018_21				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	0.94	Rating **	C	Issue No.	3
LM End	0.98	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.425972 °	38.426500 °
				-121.531228 °	-121.531560 °
DWR ID	DWR_RD0999_04_s_2012_3				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.94	Rating **	M	Issue No.	43
LM End	0.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.426005 °	38.426005 °
				-121.531382 °	-121.531382 °
DWR ID	DWR_RD0999_04_f_2017_43				
Comment Code					
PR : Prunings					
Inspector Comment					
Pruning piles on waterside slope,					

Photo 1 of 1 : SP_2018_RD0999_235_43_20180301_00033.jpg



Looking east at the waterside slope.

LM Start	0.95	Rating **	M	Issue No.	39
LM End	0.95	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.426139 °	38.426139 °
				-121.531386 °	-121.531386 °
DWR ID	DWR_RD0999_04_s_2018_39				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	1.00	Rating **	M	Issue No.	68
LM End	1.00	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.426709 °	38.426709 °
				-121.531725 °	-121.531725 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16387 DS_ID:22800 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 24-inch steel irrigation pipe through the levee, 13 feet below the crown. Pipe measures 16 inches in diameter on the waterside (WS) and 24 inches in diameter on the landside (LS) toe. Gate valve in a 9-foot by 18-foot concrete well on the WS slope. Slant pump missing from the WS slope. Concrete distribution house/box at the LS toe. 1.5-inch galvanized iron electrical conduit at the same location. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 0.99)]. FS Date: 7/12/2013					

LM Start	1.00	Rating **	M	Issue No.	68 (cont)
LM End	1.00	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_16387_27664.jpg



Slide gate in 9'X18' concrete box on WS slope.

Photo 2 of 3 : UCIP_SP_2018_16387_27663.jpg



Slant pump missing from pier on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	1.00	Rating **	M	Issue No.	68 (cont)	
LM End	1.00	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.426709 °		38.426709 °
				-121.531725 °		-121.531725 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:16387 DS_ID:22800 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 24-inch steel irrigation pipe through the levee, 13 feet below the crown. Pipe measures 16 inches in diameter on the waterside (WS) and 24 inches in diameter on the landside (LS) toe. Gate valve in a 9-foot by 18-foot concrete well on the WS slope. Slant pump missing from the WS slope. Concrete distribution house/box at the LS toe. 1.5-inch galvanized iron electrical conduit at the same location. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 0.99)]. FS Date: 7/12/2013						

Photo 3 of 3 : UCIP_SP_2018_16387_27662.jpg



9'X18' concrete box with gatevalve on WS slope.

LM Start	1.01	Rating **	U	Issue No.	16
LM End	1.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.426873 °	38.427295 °
				-121.531778 °	-121.532164 °
DWR ID	DWR_RD0999_04_f_2012_16				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Blackberries blocking view of landside toe.					

Photo 1 of 4 : SP_2018_RD0999_235_16_20180301_00014.jpg



Looking southwest at dense vegetation on landward slope and toe.
(Spring 2016)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	1.01	Rating **	U	Issue No.	16 (cont)	
LM End	1.04	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.426873 °		38.427295 °
				-121.531778 °		-121.532164 °
DWR ID	DWR_RD0999_04_f_2012_16					
Comment Code						
V2 : Remove the wild growth other than native grasses from the levee slopes.						
Inspector Comment						
Blackberries blocking view of landside toe.						

LM Start	1.01	Rating **	U	Issue No.	16 (cont)
LM End	1.04	Issue Type +	Ma	Location *	LS

Photo 2 of 4 : SP_2018_RD0999_235_16_20180301_00015.jpg



Looking northwest at dense vines at landward toe. Fall 2015

Photo 3 of 4 : SP_2018_RD0999_235_16_20180301_00016.jpg



Looking southwest at dense berry vines at landward toe. 2013

LM Start	1.01	Rating **	U	Issue No.	16 (cont)
LM End	1.04	Issue Type +	Ma	Location *	LS

Photo 4 of 4 : SP_2018_RD0999_235_16_20180301_00017.jpg



Looking south at dense berryvines on landside toe. 2012

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	1.10	Rating **	M	Issue No.	47
LM End	1.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.428152 °	38.428152 °
				-121.532502 °	-121.532502 °
DWR ID	DWR_RD0999_04_s_2017_47				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Small erosion just above rip rap on waterside toe and runoff erosion on waterside slope.					

Photo 1 of 3 : SP_2018_RD0999_235_47_20180301_00038.jpg



Looking southeast at the waterside slope.

LM Start	1.10	Rating **	M	Issue No.	47 (cont)
LM End	1.10	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SP_2018_RD0999_235_47_20180301_00039.jpg



Looking east at the waterside slope.

LM Start	1.10	Rating **	M	Issue No.	47 (cont)
LM End	1.10	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SP_2018_RD0999_235_47_20180301_00040.jpg



Looking west at runoff erosion on waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	1.15	Rating **	U	Issue No.	5
LM End	1.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.428823 °	38.428823 °
				-121.532885 °	-121.532885 °
DWR ID	DWR_RD0999_04_s_2012_5				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Berry vines and wild roses on landside toe.					

LM Start	1.15	Rating **	U	Issue No.	5 (cont)
LM End	1.15	Issue Type +	Ma	Location *	LS

Photo 1 of 3 : SP_2018_RD0999_235_5_20180301_00003.jpg



Looking south at the dense vegetation on the landside slope.

Photo 2 of 3 : SP_2018_RD0999_235_5_20180301_00004.jpg



Looking at dense vines at landward toe. Fall 2015.

LM Start	1.15	Rating **	U	Issue No.	5 (cont)
LM End	1.15	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : SP_2018_RD0999_235_5_20180301_00005.jpg



Looking north at dense vegetation on landside slope near ramp.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	1.16	Rating **	U	Issue No.	40
LM End	1.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.428877 °	38.428877 °
				-121.532922 °	-121.532922 °
DWR ID	DWR_RD0999_04_f_2015_40				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Large hole and erosion on landside shoulder, slope and toe.					

Photo 1 of 3 : SP_2018_RD0999_235_40_20180301_00027.jpg



Looking southwest at the landside slope.

LM Start	1.16	Rating **	U	Issue No.	40 (cont)
LM End	1.16	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : SP_2018_RD0999_235_40_20180301_00028.jpg



Looking east at erosion on landward shoulder and slope. (Spring 2016)

LM Start	1.16	Rating **	U	Issue No.	40 (cont)
LM End	1.16	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : SP_2018_RD0999_235_40_20180301_00029.jpg



Looking southwest at shoulder erosion and caving at landward slope and toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	1.18	Rating **	M	Issue No.	46
LM End	1.18	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.429201 °	38.429201 °
				-121.533012 °	-121.533012 °
DWR ID	DWR_RD0999_04_s_2016_46				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Erosion located just below asphalt on waterside shoulder.					

Photo 1 of 2 : SP_2018_RD0999_235_46_20180301_00036.jpg



Looking east at the erosion on the waterside slope.

LM Start	1.18	Rating **	M	Issue No.	46 (cont)
LM End	1.18	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2018_RD0999_235_46_20180301_00037.jpg



Looking west at foot erosion on waterward shoulder and slope.

LM Start	1.20	Rating **	M	Issue No.	22
LM End	1.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.429467 °	38.429750 °
				-121.533110 °	-121.533188 °
DWR ID	DWR_RD0999_04_f_2013_22				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 2 : SP_2018_RD0999_235_22_20180301_00020.jpg



Looking south at dense trees on landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sacramento River	Right	1.22	05/03/2018 05/03/2018	Dave Torres

LM Start	1.20	Rating **	M	Issue No.	22 (cont)	
LM End	1.22	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.429467 °		38.429750 °
				-121.533110 °		-121.533188 °
DWR ID	DWR_RD0999_04_f_2013_22					
Comment Code						
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.						
Inspector Comment						

Photo 2 of 2 : SP_2018_RD0999_235_22_20180301_00021.jpg



Looking south at dense trees on landward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2018 Levee Inspection Results

Reclamation District No. 0999 Netherlands

Waterway			Bank	Unit Miles
Unit No. 05 Elk Slough			Right	9.48
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/2/2018 - 5/8/2018			
DWR Inspector	Dave Torres			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	0.00	Rating **	M	Issue No.	4
LM End	9.48	Issue Type +	Ob	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.332643 °	38.414157 °
				-121.584449 °	-121.523156 °
DWR ID	DWR_RD0999_05_s_2016_4				
Comment Code					
Inspector Comment					
1997 - Most of lower Elk Slough contains high near vertical banks, with erosion into the levee slope. Channel almost appears incised. 2002 - Sites where the levee slope is near vertical and severely eroding. It could fail catastrophically. 2004 - Looks bad in terms of vertical slopes and fallen trees. 2005 - Banks are still over steepened in most places and potentially susceptible to geotechnical failures. 2006 - Both banks are still over steepened in most places and potentially susceptible to geotechnical failures. 2010 - The entire reach is in poor condition, with severely eroding near vertical slopes, needs a regional repair. 2011 - Channel banks are still oversteepened with erosion continuing. 2012 - New cracks and animal holes observed. 2013 - Fresh erosion around pump structure. 2015: No observed changes. [2015 Site ID: ELK_0-2_R]					

No Photos

LM Start	0.02	Rating **	M	Issue No.	228
LM End	0.02	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.332875 °	38.332875 °
				-121.584529 °	-121.584529 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:24439					
DS_ID:22838					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Pipe abandoned and should be done so properly.					
FIELD_STRUCT_DESC: *ABANDONED* 10-inch steel irrigation pipe through the levee, 7.7 feet below the crown. Burned down pump house and valve closed. Service pole on the waterside (WS) slope. Unable to locate concrete distribution box, March 1991. Located by electromagnetic survey at this location. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 0.03)].					
FS Date: 6/27/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	0.08	Rating **	M	Issue No.	58
LM End	0.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.333751 °	38.333751 °
				-121.584390 °	-121.584390 °
DWR ID	DWR_RD0999_05_s_2018_58				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.11	Rating **	M	Issue No.	165
LM End	0.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.334198 °	38.334327 °
				-121.584308 °	-121.584275 °
DWR ID	DWR_RD0999_05_s_2017_165				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Crack greater than two inches along top of half of waterward slope. Three dead trees along slope damage section. Trees should be removed.					

Photo 1 of 3 : SP_2018_RD0999_236_165_20180301_00080.jpg



Looking at two inch plus crack on waterward shoulder.

LM Start	0.11	Rating **	M	Issue No.	165 (cont)
LM End	0.12	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SP_2018_RD0999_236_165_20180301_00081.jpg



Looking upstream at cracking along waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	0.11	Rating **	M	Issue No.	165 (cont)	
LM End	0.12	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.334198 °		38.334327 °
				-121.584308 °		-121.584275 °
DWR ID	DWR_RD0999_05_s_2017_165					
Comment Code						
S1 : Repair slope instability.						
Inspector Comment						
Crack greater than two inches along top of half of waterward slope. Three dead trees along slope damage section. Trees should be removed.						

Photo 3 of 3 : SP_2018_RD0999_236_165_20180301_00082.jpg



Looking downstream at crack along waterward shoulder.

LM Start	0.16	Rating **	M	Issue No.	59
LM End	0.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.334924 °	38.334924 °
				-121.584077 °	-121.584077 °
DWR ID	DWR_RD0999_05_s_2018_59				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	0.21	Rating **	M	Issue No.	229 (cont)
LM End	0.21	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.335568 °	38.335568 °
				-121.583780 °	-121.583780 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15411 DS_ID:22839 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Walkway to pump on pier is falling appart and should be removed. FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through the levee, 11 feet below the crown. 10-inch pipe visible on slopes and at slant pump on the waterside (WS) slope. Pump on structure removed. Additional slant pump on the WS slope ties into pipe. 30-inch steel standpipe on the landside (LS) toe. Butterfly valves located on both sides of the levee. 3-foot by 3-foot steel junction box on the WS shoulder, and a 31-inch by 60-inch steel junction box on the LS shoulder. Service poles on both slopes. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 0.23)]. FS Date: 6/27/2013					

Photo 3 of 3 : UCIP_SP_2018_15411_25293.jpg



Steel junction box, vent, butterfly valve, and standpipe visible on LS slope.

LM Start	0.35	Rating **	M	Issue No.	61
LM End	0.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.337442 °	38.337442 °
				-121.582522 °	-121.582522 °
DWR ID	DWR_RD0999_05_s_2018_61				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	0.37	Rating **	M	Issue No.	8
LM End	0.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.337654 °	38.338412 °
				-121.582427 °	-121.582267 °
DWR ID	DWR_RD0999_05_s_2012_8				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

LM Start	0.37	Rating **	M	Issue No.	8 (cont)
LM End	0.42	Issue Type +	Ma	Location *	LS

Photo 1 of 2 : SP_2018_RD0999_236_8_20180301_00005.jpg



Looking northwest at dense vegetation on landward slope. (Fall 2016)

Photo 2 of 2 : SP_2018_RD0999_236_8_20180301_00006.jpg



Looking northwest at dense vegetation on landward slope. (Spring 2016)

LM Start	0.37	Rating **	M	Issue No.	3
LM End	0.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.337697 °	38.337963 °
				-121.582420 °	-121.582352 °
DWR ID	DWR_RD0999_05_s_2012_3				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	0.50	Rating **	M	Issue No.	230
LM End	0.50	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.339607 °	38.339607 °
				-121.582091 °	-121.582091 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15413 DS_ID:22840 EP_NO: 6081 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some settlement along LS and WS slopes. Good candidates for video inspection. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee, 3.3 feet below the crown. Pump and butterfly valve in pump house on the waterside (WS) slope. Vent in 10-inch steel standpipe on the landside (LS) slope. (Replaced an existing 10-inch pipe under Permit No. 6081, 1968 - George M. Hiromoto). [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 6/27/2013					

Photo 1 of 3 : UCIP_SP_2018_15413_25304.jpg



Pump in pumphouse on WSs slope.

LM Start	0.50	Rating **	M	Issue No.	230 (cont)
LM End	0.50	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_15413_25303.jpg



Butterfly valve at pumphouse on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	0.50	Rating **	M	Issue No.	230 (cont)	
LM End	0.50	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.339607 °	38.339607 °	
				-121.582091 °	-121.582091 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15413 DS_ID:22840 EP_NO: 6081 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some settlement along LS and WS slopes. Good candidate for video inspection. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee, 3.3 feet below the crown. Pump and butterfly valve in pump house on the waterside (WS) slope. Vent in 10-inch steel standpipe on the landside (LS) slope. (Replaced an existing 10-inch pipe under Permit No. 6081, 1968 - George M. Hiromoto). [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 6/27/2013						

Photo 3 of 3 : UCIP_SP_2018_15413_25302.jpg



Vent in 10-inch riser on LS slope.

LM Start	0.56	Rating **	M	Issue No.	7
LM End	0.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.340475 °	38.340475 °
				-121.581942 °	-121.581942 °
DWR ID	DWR_RD0999_05_s_2012_7				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	0.58	Rating **	M	Issue No.	231
LM End	0.58	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.340651 °	38.340651 °
				-121.581861 °	-121.581861 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15414					
DS_ID:22841					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe abandoned and should be done so properly.					
FIELD_STRUCT_DESC: *ABANDONED* 16-inch steel irrigation pipe					
through the levee, 6 feet below the crown. Concrete pump house on the					
waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 1992.					
USACE Sacramento O&M Manual 113 (revision), October 1966, (HLM					
0.61)].					
FS Date: 6/27/2013					

Photo 1 of 3 : UCIP_SP_2018_15414_25308.jpg



Pipe visible inside abandoned pumphouse on WS slope.

LM Start	0.58	Rating **	M	Issue No.	231 (cont)
LM End	0.58	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_15414_25307.jpg



Pipe visible on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	0.58	Rating **	M	Issue No.	231 (cont)	
LM End	0.58	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.340651 °	38.340651 °	
				-121.581861 °	-121.581861 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15414						
DS_ID:22841						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pipe abandoned and should be done so properly.						
FIELD_STRUCT_DESC: *ABANDONED* 16-inch steel irrigation pipe						
through the levee, 6 feet below the crown. Concrete pump house on the						
waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 1992.						
USACE Sacramento O&M Manual 113 (revision), October 1966, (HLM						
0.61)].						
FS Date: 6/27/2013						

Photo 3 of 3 : UCIP_SP_2018_15414_25306.jpg



Pipe may be aligned with concrete standpipe at LS toe, but no pipe is visible on LS.

LM Start	0.60	Rating **	M	Issue No.	98
LM End	0.60	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.340919 °	38.340919 °
				-121.581716 °	-121.581716 °
DWR ID	DWR_RD0999_05_s_2012_98				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	0.61	Rating **	A/W	Issue No.	105
LM End	0.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.341090 °	38.341090 °
				-121.581642 °	-121.581642 °
DWR ID	DWR_RD0999_05_f_2017_105				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	0.68	Rating **	M	Issue No.	189
LM End	0.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.342032 °	38.342032 °
				-121.581372 °	-121.581372 °
DWR ID	DWR_RD0999_05_f_2014_189				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dense wild grapevines on landside slope.					

Photo 1 of 2 : SP_2018_RD0999_236_189_20180301_00103.jpg



Looking southwest at dense vegetation on landward slope and toe. (Fall 2016)

LM Start	0.68	Rating **	M	Issue No.	189 (cont)
LM End	0.68	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_RD0999_236_189_20180301_00104.jpg



Looking northwest at dense vegetation on landward slope. (Spring 2016)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	0.70	Rating **	U	Issue No.	170
LM End	0.70	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.342288 °	38.342288 °
				-121.581278 °	-121.581278 °
DWR ID	DWR_RD0999_05_f_2015_170				
Comment Code					
BU : Building					
Inspector Comment					
Toolshed at landside toe.					

Photo 1 of 1 : SP_2018_RD0999_236_170_20180301_00090.jpg



Looking at the toolshed at the landward toe.

LM Start	0.71	Rating **	U	Issue No.	166
LM End	0.71	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.342483 °	38.342483 °
				-121.581235 °	-121.581235 °
DWR ID	DWR_RD0999_05_s_2017_166				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Dead tree fallen on waterward slope. Root ball Left hole on waterward slope 10 to 12 inches deep and approximately 5-ft in diameter.					

Photo 1 of 3 : SP_2018_RD0999_236_166_20180301_00083.jpg



Looking at hole left by fallen tree on waterward slope.

LM Start	0.71	Rating **	U	Issue No.	166 (cont)
LM End	0.71	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SP_2018_RD0999_236_166_20180301_00084.jpg



Looking east at fallen tree on waterward slope.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	0.71	Rating **	U	Issue No.	166 (cont)	
LM End	0.71	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.342483 °		38.342483 °
				-121.581235 °		-121.581235 °
DWR ID	DWR_RD0999_05_s_2017_166					
Comment Code						
TR : Tree or limb						
Inspector Comment						
Dead tree fallen on waterward slope. Root ball Left hole on waterward slope 10 to 12 inches deep and approximately 5-ft in diameter.						

Photo 3 of 3 : SP_2018_RD0999_236_166_20180301_00085.jpg



Looking downstream at fallen tree on waterward slope.

LM Start	0.72	Rating **	M	Issue No.	232
LM End	0.72	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.342653 °	38.342653 °
				-121.581236 °	-121.581236 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15450 DS_ID:22842 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: *ABANDONED* 6-inch steel irrigation pipe through the levee, 11.5 feet below the crown. Pump and gate valve in pump house on the waterside (WS) slope. 1.5-inch galvanized iron electrical conduit at the same location. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 0.75)]. FS Date: 6/27/2013					

Photo 1 of 2 : UCIP_SP_2018_15450_25386.jpg



Pumphouse on WS slope with electrical conduit shown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	0.72	Rating **	M	Issue No.	232 (cont)	
LM End	0.72	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.342653 °	38.342653 °	
				-121.581236 °	-121.581236 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15450 DS_ID:22842 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: *ABANDONED* 6-inch steel irrigation pipe through the levee, 11.5 feet below the crown. Pump and gate valve in pump house on the waterside (WS) slope. 1.5-inch galvanized iron electrical conduit at the same location. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 0.75)]. FS Date: 6/27/2013						

Photo 2 of 2 : UCIP_SP_2018_15450_25385.jpg



Pipe rusted through at gatevalve inside pumphouse.

LM Start	0.77	Rating **	U	Issue No.	23
LM End	0.77	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.343358 °	38.343358 °
				-121.581295 °	-121.581295 °
DWR ID	DWR_RD0999_05_f_2012_23				
Comment Code					
BU : Building					
Inspector Comment					
Storage shed at landside toe and within the 10' easement.					

Photo 1 of 2 : SP_2018_RD0999_236_23_20180301_00019.jpg



Looking northwest at abandoned storage shed at landward toe. (Spring 2015)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	0.77	Rating **	U	Issue No.	23 (cont)	
LM End	0.77	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Encroachments			38.343358 °	38.343358 °	
				-121.581295 °	-121.581295 °	
DWR ID	DWR_RD0999_05_f_2012_23					
Comment Code						
BU : Building						
Inspector Comment						
Storage shed at landside toe and within the 10' easement.						

Photo 2 of 2 : SP_2018_RD0999_236_23_20180301_00020.jpg



Looking northwest at storage shed at landside toe and within the 10' easement.

LM Start	0.78	Rating **	M	Issue No.	128
LM End	0.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.343495 °	38.343617 °
				-121.581282 °	-121.581249 °
DWR ID	DWR_RD0999_05_s_2012_128				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 2 : SP_2018_RD0999_236_128_20180301_00061.jpg



Looking northwest at untrimmed trees on landward slope. (Spring 2015)

LM Start	0.78	Rating **	M	Issue No.	128 (cont)
LM End	0.79	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_RD0999_236_128_20180301_00062.jpg



Looking at dense trees on landside slope and toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	0.80	Rating **	U	Issue No.	11
LM End	0.90	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.343825 °	38.345215 °
				-121.581133 °	-121.580728 °
DWR ID	DWR_RD0999_05_s_2012_11				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 2 : SP_2018_RD0999_236_11_20180301_00007.jpg



View of landscaping (Ivy) looking upstream.

LM Start	0.80	Rating **	U	Issue No.	11 (cont)
LM End	0.90	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_RD0999_236_11_20180301_00008.jpg



View of landscaping (Ivy) blocking view of landside slope from.

LM Start	0.81	Rating **	U	Issue No.	190
LM End	0.92	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.343895 °	38.345433 °
				-121.581186 °	-121.580659 °
DWR ID	DWR_RD0999_05_f_2014_190				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_236_190_20180301_00105.jpg



Looking west at dense vegetation on landward slope and toe.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	0.84	Rating **	U	Issue No.	10
LM End	0.84	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.344294 °	38.344294 °
				-121.581054 °	-121.581054 °
DWR ID	DWR_RD0999_05_s_2018_10				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_236_10_20180507_00200.jpg



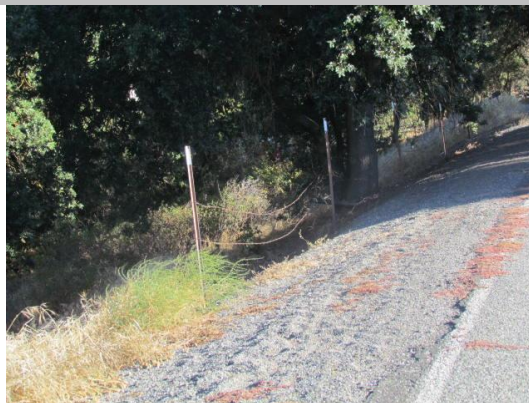
Vegetation waterside looking north.

LM Start	0.93	Rating **	M	Issue No.	197
LM End	0.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.345564 °	38.345844 °
				-121.580614 °	-121.580458 °
DWR ID	DWR_RD0999_05_f_2014_197				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.96	Rating **	M	Issue No.	136
LM End	1.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.346016 °	38.346861 °
				-121.580358 °	-121.579853 °
DWR ID	DWR_RD0999_05_f_2013_136				
Comment Code					
FE : Fence					
Inspector Comment					
Fencing on landside slope.					

Photo 1 of 1 : SP_2018_RD0999_236_136_20180301_00065.jpg



Looking northwest at fence on landward slope.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	1.00	Rating **	M	Issue No.	180
LM End	1.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.346477 °	38.346864 °
				-121.580086 °	-121.579864 °
DWR ID	DWR_RD0999_05_s_2015_180				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.04	Rating **	M	Issue No.	146
LM End	1.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.347067 °	38.347331 °
				-121.579735 °	-121.579582 °
DWR ID	DWR_RD0999_05_f_2013_146				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	1.07	Rating **	M	Issue No.	14
LM End	1.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.347427 °	38.347863 °
				-121.579395 °	-121.579113 °
DWR ID	DWR_RD0999_05_s_2012_14				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_236_14_20180301_00011.jpg



Looking west at untrimmed trees on landward slope and toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	1.13	Rating **	M	Issue No.	233
LM End	1.13	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.348113 °	38.348113 °
				-121.578841 °	-121.578841 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16336 DS_ID:23964 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be removed. FIELD_STRUCT_DESC: *ABANDONED* 10-inch steel irrigation pipe through the levee, 6.5 feet below the crown. Pipe extends under metal walkway on the waterside (WS) shoulder. FS Date: 6/27/2013					

Photo 1 of 2 : UCIP_SP_2018_16336_27532.jpg



Pipe visible on LS shoulder.

LM Start	1.13	Rating **	M	Issue No.	233 (cont)
LM End	1.13	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_16336_27531.jpg



Pipe visible beneath 10-inch pipe that is currently in use. No connection.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	1.15	Rating **	U	Issue No.	15
LM End	1.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.348237 °	38.348328 °
				-121.578440 °	-121.577735 °
DWR ID	DWR_RD0999_05_s_2012_15				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_236_15_20180301_00012.jpg



Looking north at untrimmed trees on landward slope and toe.

LM Start	1.18	Rating **	M	Issue No.	169
LM End	1.18	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.348339 °	38.348339 °
				-121.577840 °	-121.577840 °
DWR ID	DWR_RD0999_05_f_2016_169				
Comment Code					
GA : Garbage					
Inspector Comment					
Boat stored on landside side.					

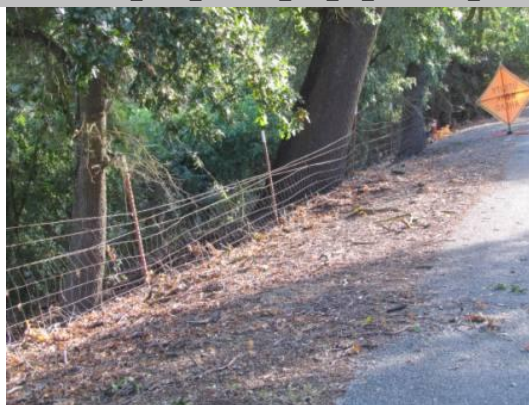
Photo 1 of 1 : SP_2018_RD0999_236_169_20180301_00089.jpg



Looking southwest at boat on landward slope.

LM Start	1.20	Rating **	M	Issue No.	76
LM End	1.22	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.348336 °	38.348332 °
				-121.577621 °	-121.577172 °
DWR ID	DWR_RD0999_05_s_2012_76				
Comment Code					
FE : Fence					
Inspector Comment					
Fence is located on landside shoulder.					

Photo 1 of 1 : SP_2018_RD0999_236_76_20180301_00040.jpg



Looking north at fence along landside slope.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	1.25	Rating **	M	Issue No.	171
LM End	1.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.348319 °	38.348319 °
				-121.576566 °	-121.576566 °
DWR ID	DWR_RD0999_05_f_2015_171				
Comment Code					
EQ : Equipment					
Inspector Comment					
Old farm equipment on landside slope					

Photo 1 of 1 : SP_2018_RD0999_236_171_20180301_00091.jpg



Looking at farm equipment on landward slope.

LM Start	1.27	Rating **	U	Issue No.	172
LM End	1.27	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.348304 °	38.348304 °
				-121.576207 °	-121.576207 °
DWR ID	DWR_RD0999_05_f_2015_172				
Comment Code					
BU : Building					
Inspector Comment					
Toolshed excavated into landside toe.					

Photo 1 of 3 : SP_2018_RD0999_236_172_20180301_00092.jpg



Looking southwest at toolshed at landward toe.

LM Start	1.27	Rating **	U	Issue No.	172 (cont)
LM End	1.27	Issue Type +	En	Location *	LS

Photo 2 of 3 : SP_2018_RD0999_236_172_20180301_00093.jpg



Looking west at toolshed at landward toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	1.27	Rating **	U	Issue No.	172 (cont)	
LM End	1.27	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.348304 °		38.348304 °
				-121.576207 °		-121.576207 °
DWR ID	DWR_RD0999_05_f_2015_172					
Comment Code						
BU : Building						
Inspector Comment						
Toolshed excavated into landside toe.						

Photo 3 of 3 : SP_2018_RD0999_236_172_20180301_00094.jpg



Looking at northwest at toolshed at landward toe.

LM Start	1.28	Rating **	U	Issue No.	2
LM End	1.28	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.348279 °	38.348279 °
				-121.576061 °	-121.576061 °
DWR ID	DWR_RD0999_05_s_2012_2				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Century plant on landside shoulder.					

Photo 1 of 4 : SP_2018_RD0999_236_2_20180301_00001.jpg



Looking southwest at dense cactus plants on landward slope and toe.

LM Start	1.28	Rating **	U	Issue No.	2 (cont)
LM End	1.28	Issue Type +	En	Location *	LS

Photo 2 of 4 : SP_2018_RD0999_236_2_20180301_00002.jpg



Looking south at landscaping on landward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	1.28	Rating **	U	Issue No.	2 (cont)	
LM End	1.28	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.348279 °		38.348279 °
				-121.576061 °		-121.576061 °
DWR ID	DWR_RD0999_05_s_2012_2					
Comment Code						
V6 : Landscaping						
Inspector Comment						
Century plant on landside shoulder.						

Photo 3 of 4 : SP_2018_RD0999_236_2_20180301_00003.jpg



Looking northwest at landscaping on landward slope.

LM Start	1.28	Rating **	U	Issue No.	2 (cont)
LM End	1.28	Issue Type +	En	Location *	LS

Photo 4 of 4 : SP_2018_RD0999_236_2_20180301_00004.jpg



Looking south at landward slope. (Spring 2015)

LM Start	1.30	Rating **	M	Issue No.	36
LM End	1.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.348252 °	38.348252 °
				-121.575704 °	-121.575704 °
DWR ID	DWR_RD0999_05_s_2012_36				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	1.32	Rating **	U	Issue No.	13
LM End	1.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.348226 °	38.348226 °
				-121.575399 °	-121.575399 °
DWR ID	DWR_RD0999_05_s_2018_13				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_236_13_20180507_00201.jpg



Vegetation landside looking west.

LM Start	1.33	Rating **	M	Issue No.	149
LM End	1.36	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.348223 °	38.348191 °
				-121.575223 °	-121.574667 °
DWR ID	DWR_RD0999_05_f_2013_149				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Large cactus plants on landside slope.					

Photo 1 of 1 : SP_2018_RD0999_236_149_20180301_00069.jpg



Looking northwest at several cactus plants on landward slope.

LM Start	1.41	Rating **	M	Issue No.	63
LM End	1.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.348107 °	38.348107 °
				-121.573765 °	-121.573765 °
DWR ID	DWR_RD0999_05_s_2018_63				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Multiple century plants along landside slope.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

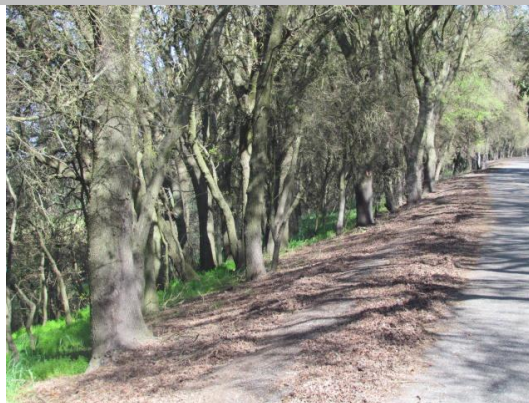
Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	1.46	Rating **	U	Issue No.	18
LM End	1.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.348670 °	38.353852 °
				-121.573320 °	-121.573570 °
DWR ID	DWR_RD0999_05_s_2012_18				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_236_18_20180301_00018.jpg



Looking east at dense trees on landward slope.

LM Start	1.69	Rating **	U	Issue No.	199
LM End	1.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.351957 °	38.351957 °
				-121.574096 °	-121.574096 °
DWR ID	DWR_RD0999_05_f_2014_199				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dense vegetation on landward slope.					

Photo 1 of 1 : SP_2018_RD0999_236_199_20180301_000109.jpg



Looking northwest at dense vegetation on landward slope.

LM Start	1.70	Rating **	M	Issue No.	21
LM End	1.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.352088 °	38.352968 °
				-121.574052 °	-121.574008 °
DWR ID	DWR_RD0999_05_s_2012_21				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	1.83	Rating **	M	Issue No.	234
LM End	1.83	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.353864 °	38.353864 °
				-121.573577 °	-121.573577 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15421					
DS_ID:22847					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Abandoned and should be done so properly.					
FIELD_STRUCT_DESC: *ABANDONED* 8-inch steel irrigation pipe					
through the levee, 4.7 feet below the crown. Pump house on the					
waterside (WS) slope. Both ends open. [Additional Reference(s): DWR					
Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised),					
October 1966, (HLM 1.89)].					
FS Date: 6/27/2013					

Photo 1 of 2 : UCIP_SP_2018_15421_25323.jpg



Pipe and pump remnants on WS slope.

LM Start	1.83	Rating **	M	Issue No.	234 (cont)
LM End	1.83	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_15421_25322.jpg



Pipe visible on LS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	2.00	Rating **	A/W	Issue No.	167
LM End	2.00	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.355538 °	38.355538 °
				-121.571398 °	-121.571398 °
DWR ID	DWR_RD0999_05_s_2017_167				
Comment Code					
PO : Pole					
Inspector Comment					
Poles 30 to 36 inches deep on waterside shoulder to control access to waterside slope.					

LM Start	2.00	Rating **	A/W	Issue No.	167 (cont)
LM End	2.00	Issue Type +	En	Location *	WS

Photo 1 of 3 : SP_2018_RD0999_236_167_20180301_00086.jpg



Looking downstream at wooden poles on waterward shoulder.

Photo 2 of 3 : SP_2018_RD0999_236_167_20180301_00087.jpg



Looking at crack along waterward cause by poles.

LM Start	2.00	Rating **	A/W	Issue No.	167 (cont)
LM End	2.00	Issue Type +	En	Location *	WS

Photo 3 of 3 : SP_2018_RD0999_236_167_20180301_00088.jpg



Looking at 3-4 ft hole for pole on waterward shoulder.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	2.01	Rating **	M	Issue No.	64
LM End	2.01	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.355534 °	38.355534 °
				-121.571245 °	-121.571245 °
DWR ID	DWR_RD0999_05_s_2018_64				
Comment Code					
EQ : Equipment					
Inspector Comment					
Irrigation equipment stored at landside toe.					

No Photos

LM Start	2.05	Rating **	M	Issue No.	67
LM End	2.05	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.355637 °	38.355637 °
				-121.570442 °	-121.570442 °
DWR ID	DWR_RD0999_05_s_2018_67				
Comment Code					
EQ : Equipment					
Inspector Comment					
Landowner has stored poles at landside toe.					

Photo 1 of 1 : SP_2018_RD0999_236_67_20180507_00202.jpg



Encroachment poles landside looking northwest.

LM Start	2.09	Rating **	M	Issue No.	212
LM End	2.09	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.355673 °	38.355673 °
				-121.569794 °	-121.569794 °
DWR ID	DWR_RD0999_05_s_2016_212				
Comment Code					
EQ : Equipment					
Inspector Comment					
Farmer has stored black sprinkler lines at landside toe.					

Photo 1 of 1 : SP_2018_RD0999_236_212_20180301_00115.jpg



Looking south at black sprinkler lines at landward toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	2.14	Rating **	M	Issue No.	24
LM End	2.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.355402 °	38.355282 °
				-121.568893 °	-121.568547 °
DWR ID	DWR_RD0999_05_s_2012_24				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_236_24_20180301_00021.jpg



Looking west at dense trees on landward slope. (Spring 2015)

LM Start	2.36	Rating **	M	Issue No.	42
LM End	2.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.354916 °	38.355982 °
				-121.565167 °	-121.563561 °
DWR ID	DWR_RD0999_05_s_2012_42				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	2.51	Rating **	M	Issue No.	82
LM End	2.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.356270 °	38.358132 °
				-121.563218 °	-121.562347 °
DWR ID	DWR_RD0999_05_s_2012_82				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_236_82_20180301_00041.jpg



Looking northwest at dense trees on landward slope. (Spring 2015)

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	2.86	Rating **	M	Issue No.	152
LM End	3.12	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.361047 °	38.364409 °
				-121.563113 °	-121.561941 °
DWR ID	DWR_RD0999_05_f_2013_152				
Comment Code					
DT : Ditch					
Inspector Comment					
Irrigation ditch has been in place for several years at landside toe.					

Photo 1 of 1 : SP_2018_RD0999_236_152_20180301_00070.jpg



Looking north at abandoned irrigation ditch at landward toe.

LM Start	3.02	Rating **	U	Issue No.	235	
LM End	3.02	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.363420 °	38.363420 °	
				-121.563102 °	-121.563102 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:50093 DS_ID:22849 EP_NO: 7378 Repair Type: Urgent Crossing Status: Found UCIP Comments: 07/07/2016 - LS toe of levee still has erosion around stand pipe and adjacent oak tree. Erosion does not appear to be any worse than during previous inspection. no water in canal on LS toe led to the discovery of two additional appurtenant structures. (T. Hatch/UCIP)06/28/2013 - Pipe outlet is eroding the LS slope of the levee, exposing the roots of an oak and threatening greater damage if allowed to continue. (W. Wylie/UCIP) FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee, 6 feet below the crown. Slant pump and service pole on the waterside (WS) slope. 36-inch concrete standpipe on the landside (LS) toe. (Permit No. 7378, 1971 - Rudolph H. Volz. Replaced an existing 8-inch pipe at the same location). [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 7/7/2016						

Photo 1 of 3 : UCIP_SP_2018_50093_25332.jpg



Slant pump, JP, and meter on WS slope.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	3.02	Rating **	U	Issue No.	235 (cont)	
LM End	3.02	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.363420 °	38.363420 °	
				-121.563102 °	-121.563102 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:50093 DS_ID:22849 EP_NO: 7378 Repair Type: Urgent Crossing Status: Found UCIP Comments: 07/07/2016 - LS toe of levee still has erosion around stand pipe and adjacent oak tree. Erosion does not appear to be any worse than during previous inspection. no water in canal on LS toe led to the discovery of two additional appurtenant structures. (T. Hatch/UCIP)06/28/2013 - Pipe outlet is eroding the LS slope of the levee, exposing the roots of an oak and threatening greater damage if allowed to continue. (W. Wylie/UCIP) FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee, 6 feet below the crown. Slant pump and service pole on the waterside (WS) slope. 36-inch concrete standpipe on the landside (LS) toe. (Permit No. 7378, 1971 - Rudolph H. Volz. Replaced an existing 8-inch pipe at the same location). [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 7/7/2016						

LM Start	3.02	Rating **	U	Issue No.	235 (cont)
LM End	3.02	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_50093_25331.jpg



Slant pump and pipe on WS slope.

Photo 3 of 3 : UCIP_SP_2018_50093_25330.jpg



36-inch concrete standpipe on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

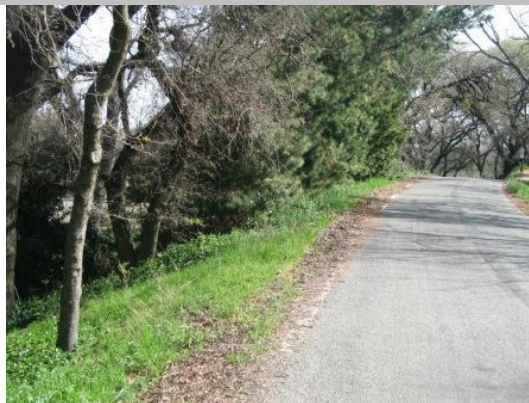
Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	3.13	Rating **	M	Issue No.	31
LM End	3.17	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.364500 °	38.364649 °
				-121.561668 °	-121.561025 °
DWR ID	DWR_RD0999_05_s_2012_31				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_236_31_20180301_00022.jpg



Looking downstream of landscaping blocking view of landside slope.

LM Start	3.21	Rating **	M	Issue No.	153
LM End	4.22	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.364694 °	38.372513 °
				-121.560209 °	-121.552538 °
DWR ID	DWR_RD0999_05_f_2013_153				
Comment Code					
DT : Ditch					
Inspector Comment					
Adandoned irrigation ditch at landside toe.					

Photo 1 of 3 : SP_2018_RD0999_236_153_20180301_00071.jpg



Looking north at old irrigation ditch at landward toe.

LM Start	3.21	Rating **	M	Issue No.	153 (cont)
LM End	4.22	Issue Type +	En	Location *	LS

Photo 2 of 3 : SP_2018_RD0999_236_153_20180301_00072.jpg



Looking south at irrigation ditch at landward toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	3.21	Rating **	M	Issue No.	153 (cont)	
LM End	4.22	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.364694 °	38.372513 °	
				-121.560209 °	-121.552538 °	
DWR ID	DWR_RD0999_05_f_2013_153					
Comment Code						
DT : Ditch						
Inspector Comment						
Adandoned irrigation ditch at landside toe.						

Photo 3 of 3 : SP_2018_RD0999_236_153_20180301_00073.jpg



Looking north at irrigation ditch at landward toe.

LM Start	3.22	Rating **	M	Issue No.	191
LM End	3.63	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.364698 °	38.366911 °
				-121.560158 °	-121.556784 °
DWR ID	DWR_RD0999_05_s_2014_191				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					

No Photos

LM Start	3.29	Rating **	M	Issue No.	68
LM End	3.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.364341 °	38.364341 °
				-121.558928 °	-121.558928 °
DWR ID	DWR_RD0999_05_s_2018_68				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_236_68_20180503_00197.jpg



Trim thin trees landside looking north.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	3.39	Rating **	U	Issue No.	213
LM End	3.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.363906 °	38.363906 °
				-121.557220 °	-121.557220 °
DWR ID	DWR_RD0999_05_s_2016_213				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

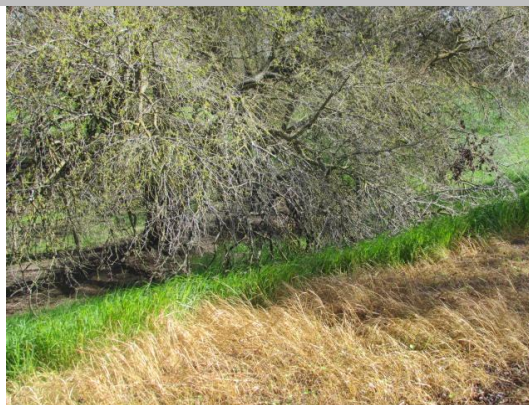
Photo 1 of 2 : SP_2018_RD0999_236_213_20180301_00116.jpg



Looking northwest at untrimmed trees on landward toe. (Fall 2016)

LM Start	3.39	Rating **	U	Issue No.	213 (cont)
LM End	3.39	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_RD0999_236_213_20180301_00117.jpg



Looking northwest at untrimmed trees at landward toe. (Spring 2016)

LM Start	3.55	Rating **	C	Issue No.	83
LM End	3.65	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.365711 °	38.367107 °
				-121.556714 °	-121.556745 °
DWR ID	DWR_RD0999_05_s_2012_83				
Comment Code					
FE : Fence					
Inspector Comment					
Fencing on landside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

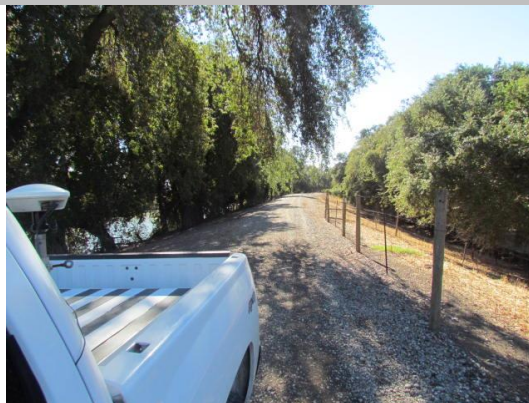
Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	3.56	Rating **	M	Issue No.	173
LM End	3.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.365882 °	38.365882 °
				-121.556762 °	-121.556762 °
DWR ID	DWR_RD0999_05_f_2015_173				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_236_173_20180301_00095.jpg



Looking at the tree overhanging the levee crown.

LM Start	3.58	Rating **	M	Issue No.	202
LM End	3.64	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.366100 °	38.367043 °
				-121.556831 °	-121.556772 °
DWR ID	DWR_RD0999_05_f_2014_202				
Comment Code					
LI : Landscape Irrigation					
Inspector Comment					
Landowner installed sprinkler system on landside slope.					

Photo 1 of 1 : SP_2018_RD0999_236_202_20180301_00113.jpg



Looking west at one of several sprinklers installed on landward slope.

LM Start	3.58	Rating **	M	Issue No.	201
LM End	3.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.366103 °	38.367035 °
				-121.556820 °	-121.556781 °
DWR ID	DWR_RD0999_05_f_2014_201				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 2 : SP_2018_RD0999_236_201_20180301_00111.jpg



Looking northwest at several small oak trees planted along landward slope.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

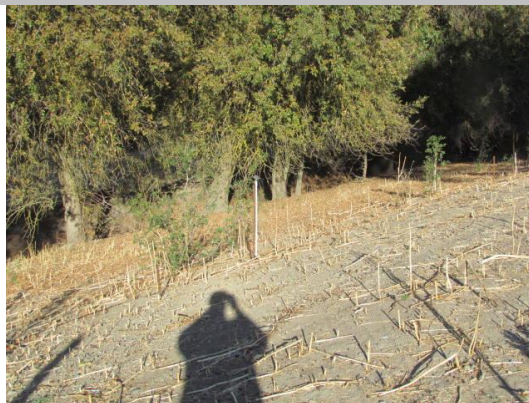
Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	3.58	Rating **	M	Issue No.	201 (cont)	
LM End	3.64	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.366103 °		38.367035 °
				-121.556820 °		-121.556781 °
DWR ID	DWR_RD0999_05_f_2014_201					
Comment Code						
T2 : Thin trees to allow visibility of the ground and room to flood fight.						
Inspector Comment						

Photo 2 of 2 : SP_2018_RD0999_236_201_20180301_00112.jpg



Looking west a several small oak trees planted on landward slope.

LM Start	3.64	Rating **	M	Issue No.	16
LM End	3.64	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.366958 °	38.366958 °
				-121.556822 °	-121.556822 °
DWR ID	DWR_RD0999_05_s_2012_16				
Comment Code					
EQ : Equipment					
Inspector Comment					
Equipment stored at landside toe.					

Photo 1 of 2 : SP_2018_RD0999_236_16_20180301_00013.jpg



Looking northwest at equipment on landside toe.

LM Start	3.64	Rating **	M	Issue No.	16 (cont)
LM End	3.64	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_RD0999_236_16_20180301_00014.jpg



Looking west at equipment at landside toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	3.67	Rating **	M	Issue No.	236
LM End	3.67	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.367469 °	38.367469 °
				-121.556509 °	-121.556509 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16337					
DS_ID:23965					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Need to determine permit No. for this crossing.					
FIELD_STRUCT_DESC: 9-inch steel irrigation pipe through the levee, 2 feet below the crown. Pump on pier on the waterside (WS) with butterfly valve. Filter plant and siphon breaker on the landside (LS) toe. 1.5-inch galvanized iron electrical conduit at the same location.					
FS Date: 6/28/2013					

Photo 1 of 3 : UCIP_SP_2018_16337_27535.jpg



Pump on pier at WS.

LM Start	3.67	Rating **	M	Issue No.	236 (cont)
LM End	3.67	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_16337_27534.jpg



1.5-inch galvanized iron electrical conduit at same location.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	3.67	Rating **	M	Issue No.	236 (cont)	
LM End	3.67	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.367469 °	38.367469 °	
				-121.556509 °	-121.556509 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:16337						
DS_ID:23965						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Need to determine permit No. for this crossing.						
FIELD_STRUCT_DESC: 9-inch steel irrigation pipe through the levee, 2 feet below the crown. Pump on pier on the waterside (WS) with butterfly valve. Filter plant and siphon breaker on the landside (LS) toe. 1.5-inch galvanized iron electrical conduit at the same location.						
FS Date: 6/28/2013						

Photo 3 of 3 : UCIP_SP_2018_16337_27533.jpg



Siphon breaker and filter plant on LS toe.

LM Start	3.68	Rating **	C	Issue No.	85
LM End	3.75	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.367500 °	38.367997 °
				-121.556478 °	-121.555348 °
DWR ID	DWR_RD0999_05_s_2012_85				
Comment Code					
FE : Fence					
Inspector Comment					
Fencing is for livestock.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	3.68	Rating **	M	Issue No.	69
LM End	3.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.367529 °	38.367529 °
				-121.556455 °	-121.556455 °
DWR ID	DWR_RD0999_05_s_2018_69				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair hole caused by removal of fencepost.					

Photo 1 of 1 : SP_2018_RD0999_236_69_20180503_00198.jpg



Erosion landside looking west.

LM Start	3.70	Rating **	M	Issue No.	84
LM End	3.74	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.367644 °	38.367971 °
				-121.556012 °	-121.555431 °
DWR ID	DWR_RD0999_05_s_2012_84				
Comment Code					
FE : Fence					
Inspector Comment					
Fencing is for livestock.					

No Photos

LM Start	3.80	Rating **	M	Issue No.	174
LM End	3.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.368207 °	38.368207 °
				-121.554360 °	-121.554360 °
DWR ID	DWR_RD0999_05_f_2015_174				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Downed tree branch and limbs on waterside slope.					

Photo 1 of 1 : SP_2018_RD0999_236_174_20180301_00096.jpg



Looking at downed tree branch on waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	3.90	Rating **	U	Issue No.	17
LM End	3.90	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.368466 °	38.368466 °
				-121.552628 °	-121.552628 °
DWR ID	DWR_RD0999_05_s_2012_17				
Comment Code					
PR : Prunings					
Inspector Comment					
Large pruning pile on landside toe and slope.					

Photo 1 of 3 : SP_2018_RD0999_236_17_20180301_00015.jpg



Looking northwest at the landside slope.

LM Start	3.90	Rating **	U	Issue No.	17 (cont)
LM End	3.90	Issue Type +	En	Location *	LS

Photo 2 of 3 : SP_2018_RD0999_236_17_20180301_00016.jpg



Looking northwest at large pruning pile on landward slope. (Spring 2017)

LM Start	3.90	Rating **	U	Issue No.	17 (cont)
LM End	3.90	Issue Type +	En	Location *	LS

Photo 3 of 3 : SP_2018_RD0999_236_17_20180301_00017.jpg



Looking northwest at large pruning pile on landward slope. (Fall 2016)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	4.25	Rating **	U	Issue No.	12
LM End	4.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.372872 °	38.372872 °
				-121.552185 °	-121.552185 °
DWR ID	DWR_RD0999_05_s_2017_12				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Large slough on waterside slope.					

LM Start	4.25	Rating **	U	Issue No.	12 (cont)
LM End	4.25	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : SP_2018_RD0999_236_12_20180301_00009.jpg



Looking downstream at finger erosion on downstream side of slough.

Photo 2 of 2 : SP_2018_RD0999_236_12_20180301_00010.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	4.36	Rating **	M	Issue No.	237
LM End	4.36	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.374376 °	38.374376 °
				-121.551201 °	-121.551201 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16338 DS_ID:23966 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: This crossing should be permitted or removed. FIELD_STRUCT_DESC: 2-inch plastic water line through the levee, 6 inches below the crown. Portable pump on the waterside (WS) toe. FS Date: 6/28/2013					

Photo 1 of 2 : UCIP_SP_2018_16338_27538.jpg



Flex pipe through the levee 6-inches below the crown with portable pump on WS toe.

LM Start	4.36	Rating **	M	Issue No.	237 (cont)
LM End	4.36	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_16338_27537.jpg



Flex pipe visible on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	4.37	Rating **	M	Issue No.	56
LM End	4.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.374410 °	38.374410 °
				-121.551173 °	-121.551173 °
DWR ID	DWR_RD0999_05_s_2012_56				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Cactus					

Photo 1 of 1 : SP_2018_RD0999_236_56_20180301_00033.jpg



Looking northwest at cactus on landside shoulder and slope. (Spring 2012)

LM Start	4.38	Rating **	M	Issue No.	44
LM End	4.38	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.374591 °	38.374591 °
				-121.550936 °	-121.550936 °
DWR ID	DWR_RD0999_05_s_2018_44				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	4.45	Rating **	M	Issue No.	238
LM End	4.45	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.375036 °	38.375036 °
				-121.549961 °	-121.549961 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16403 DS_ID:23967 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine Permit No. for this crossing or remove it. FIELD_STRUCT_DESC: 5-inch temporary aluminum irrigation pipe over the top of the levee. Portable pump on the waterside (WS) toe. FS Date: 6/28/2013					

Photo 1 of 3 : UCIP_SP_2018_16403_27686.jpg



Pipe on LS slope.

LM Start	4.45	Rating **	M	Issue No.	238 (cont)
LM End	4.45	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_16403_27685.jpg



Pipe on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	4.45	Rating **	M	Issue No.	238 (cont)	
LM End	4.45	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.375036 °	38.375036 °	
				-121.549961 °	-121.549961 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:16403 DS_ID:23967 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine Permit No. for this crossing or remove it. FIELD_STRUCT_DESC: 5-inch temporary aluminum irrigation pipe over the top of the levee. Portable pump on the waterside (WS) toe. FS Date: 6/28/2013						

Photo 3 of 3 : UCIP_SP_2018_16403_27687.jpg



Portable pump on WS toe.

LM Start	4.51	Rating **	M	Issue No.	32
LM End	4.85	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.375084 °	38.377176 °
				-121.548750 °	-121.543571 °
DWR ID	DWR_RD0999_05_f_2012_32				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	4.55	Rating **	M	Issue No.	72
LM End	4.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.375073 °	38.375073 °
				-121.548044 °	-121.548044 °
DWR ID	DWR_RD0999_05_s _ 2018_72				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	4.55	Rating **	M	Issue No.	70
LM End	4.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.375076 °	38.375076 °
				-121.548043 °	-121.548043 °
DWR ID	DWR_RD0999_05_s _ 2018_70				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	4.62	Rating **	U	Issue No.	28
LM End	4.62	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.375308 °	38.375308 °
				-121.546828 °	-121.546828 °
DWR ID	DWR_RD0999_05_s _ 2017_28				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on waterside slope. Large hole on waterside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	4.65	Rating **	N	Issue No.	62
LM End	4.65	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.375365 °	38.375365 °
				-121.546305 °	-121.546305 °
DWR ID	DWR_RD0999_05_s_2012_62				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	4.69	Rating **	M	Issue No.	239
LM End	4.69	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.375537 °	38.375537 °
				-121.545647 °	-121.545647 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15443 DS_ID:22882 EP_NO: 7383 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee, 4 feet below the crown. Pump house on the waterside (WS) slope, and a joint pole (JP) on the landside (LS) shoulder. 1.5-inch galvanized iron electrical conduit at the same location. Replaces an existing portion of a 10-inch pipe within the levee section. (Permit No. 7383, 1971 - Monticello Vineyards). [Additional Reference(s): USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 4.84)]. FS Date: 6/28/2013					

Photo 1 of 3 : UCIP_SP_2018_15443_25362.jpg



Abandoned pumphouse on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	4.69	Rating **	M	Issue No.	239 (cont)	
LM End	4.69	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.375537 °		38.375537 °
				-121.545647 °		-121.545647 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15443						
DS_ID:22882						
EP_NO: 7383						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pipe abandoned and should be done so properly.						
FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee,						
4 feet below the crown. Pump house on the waterside (WS) slope, and						
a joint pole (JP) on the landside (LS) shoulder. 1.5-inch galvanized iron						
electrical conduit at the same location. Replaces an existing portion of a						
10-inch pipe within the levee section. (Permit No. 7383, 1971 -						
Monticello Vineyards). [Additional Reference(s): USACE Sacramento						
O&M Manual 113 (Revised), October 1966, (HLM 4.84)].						
FS Date: 6/28/2013						

Photo 2 of 3 : UCIP_SP_2018_15443_25361.jpg



Abandoned pumphouse on WS slope.

LM Start	4.69	Rating **	M	Issue No.	239 (cont)
LM End	4.69	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2018_15443_25360.jpg



Pipe visible on LS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

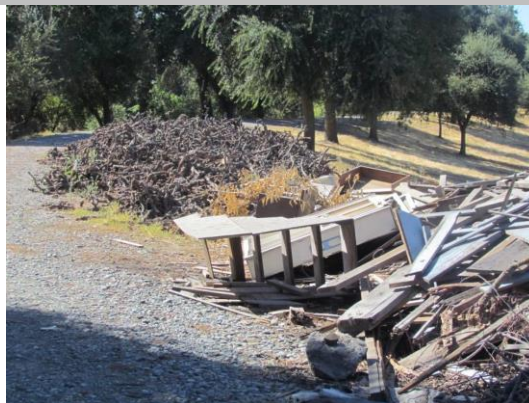
Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	5.07	Rating **	M	Issue No.	65
LM End	5.07	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.379711 °	38.379711 °
				-121.541070 °	-121.541070 °
DWR ID	DWR_RD0999_05_s_2012_65				
Comment Code					
PR : Prunings					
Inspector Comment					
Prunings and garbage pile on landside shoulder and slope.					

Photo 1 of 2 : SP_2018_RD0999_236_65_20180301_00035.jpg



Looking south at prunings and garbage on landward shoulder and slope. (Fall 2016)

LM Start	5.07	Rating **	M	Issue No.	65 (cont)
LM End	5.07	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_RD0999_236_65_20180301_00036.jpg



Looking east at garbage and prunings on landward shoulder. (Spring 2016)

LM Start	5.12	Rating **	U	Issue No.	176
LM End	5.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.380420 °	38.380420 °
				-121.541102 °	-121.541102 °
DWR ID	DWR_RD0999_05_f_2015_176				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Large hole on waterside shoulder caused by fallen tree.					

Photo 1 of 3 : SP_2018_RD0999_236_176_20180301_00097.jpg



Looking at hole from falling tree on waterward shoulder. (Fall 2016)

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	5.12	Rating **	U	Issue No.	176 (cont)	
LM End	5.12	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.380420 °		38.380420 °
				-121.541102 °		-121.541102 °
DWR ID	DWR_RD0999_05_f_2015_176					
Comment Code						
S1 : Repair slope instability.						
Inspector Comment						
Large hole on waterside shoulder caused by fallen tree.						

LM Start	5.12	Rating **	U	Issue No.	176 (cont)
LM End	5.12	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SP_2018_RD0999_236_176_20180301_00098.jpg



Looking at hole on waterward shoulder caused by fallen tree.

Photo 3 of 3 : SP_2018_RD0999_236_176_20180301_00099.jpg



Looking at fallen tree and hole on waterward slope and shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	5.13	Rating **	U	Issue No.	240
LM End	5.13	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.380523 °	38.380523 °
				-121.541186 °	-121.541186 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:50094 DS_ID:22856 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 07/07/2016 - Pipe open on WS. no pipe or appurtenances visible on LS. pipe on WS slope below open penetration noted. May have previously been connected. (T. Hatch/UCIP)06/28/2013 - Pipe abandoned and should be done so properly. Pipe open on waterside. (W. Wylie/UCIP) FIELD_STRUCT_DESC: *ABANDONED* 7-inch steel irrigation pipe through the levee, 6.5 feet below the crown. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 5.31) (8-inch pipe listed)]. FS Date: 7/7/2016					

LM Start	5.13	Rating **	U	Issue No.	240 (cont)
LM End	5.13	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_50094_25396.jpg



Pipe open on WS slope.

Photo 2 of 3 : UCIP_SP_2018_50094_25395.jpg



Pipe visible on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	5.13	Rating **	U	Issue No.	240 (cont)	
LM End	5.13	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.380523 °	38.380523 °	
				-121.541186 °	-121.541186 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:50094 DS_ID:22856 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 07/07/2016 - Pipe open on WS. no pipe or appurtenances visible on LS. pipe on WS slope below open penetration noted. May have previously been connected. (T. Hatch/UCIP)06/28/2013 - Pipe abandoned and should be done so properly. Pipe open on waterside. (W. Wylie/UCIP) FIELD_STRUCT_DESC: *ABANDONED* 7-inch steel irrigation pipe through the levee, 6.5 feet below the crown. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 5.31) (8-inch pipe listed)]. FS Date: 7/7/2016						

Photo 3 of 3 : UCIP_SP_2018_50094_75319.jpg



pipe on WS slope of levee below pipe penetrating levee. May have previously been connected.

LM Start	5.31	Rating **	M	Issue No.	214
LM End	5.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.381178 °	38.381178 °
				-121.544193 °	-121.544193 °
DWR ID	DWR_RD0999_05_s_2016_214				
Comment Code					
PR : Prunings					
Inspector Comment					
Pruning pile on waterside slope.					

Photo 1 of 1 : SP_2018_RD0999_236_214_20180301_00118.jpg



Looking southeast at prunings on waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	5.38	Rating **	M	Issue No.	51
LM End	5.41	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.381490 °	38.381774 °
				-121.545477 °	-121.545964 °
DWR ID	DWR_RD0999_05_s_2012_51				
Comment Code					
FE : Fence					
Inspector Comment					
Fence is installed down waterside and slope.					

Photo 1 of 1 : SP_2018_RD0999_236_51_20180301_00032.jpg



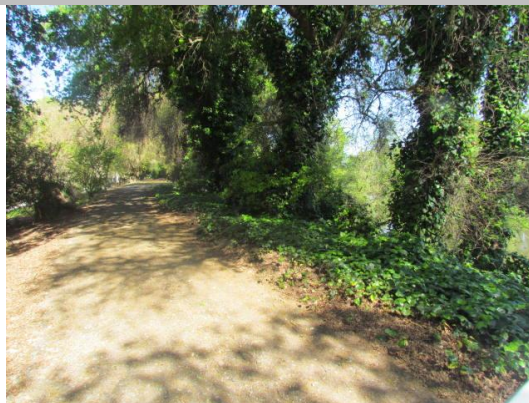
Looking northeast at fence on waterside slope.

LM Start	5.41	Rating **	C	Issue No.	215
LM End	5.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.381763 °	38.381763 °
				-121.545904 °	-121.545904 °
DWR ID	DWR_RD0999_05_s_2016_215				
Comment Code					
MA : Material					
Inspector Comment					
Concrete piled on waterside shoulder and slope					

No Photos

LM Start	5.42	Rating **	U	Issue No.	43
LM End	5.44	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.381815 °	38.382137 °
				-121.546058 °	-121.546338 °
DWR ID	DWR_RD0999_05_s_2012_43				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Ground cover blocking view of waterside slope.					

Photo 1 of 2 : SP_2018_RD0999_236_43_20180301_00026.jpg

Looking north at dense groundcover and vegetation on waterward slope.
(Spring 2015)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	5.42	Rating **	U	Issue No.	43 (cont)	
LM End	5.44	Issue Type +	En	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.381815 °		38.382137 °
				-121.546058 °		-121.546338 °
DWR ID	DWR_RD0999_05_s_2012_43					
Comment Code						
V6 : Landscaping						
Inspector Comment						
Ground cover blocking view of waterside slope.						

Photo 2 of 2 : SP_2018_RD0999_236_43_20180301_00027.jpg



Looking northeast at dense groundcover and vegetation on waterside slope.

LM Start	5.43	Rating **	M	Issue No.	73
LM End	5.44	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.381968 °	38.382070 °
				-121.546182 °	-121.546290 °
DWR ID	DWR_RD0999_05_s_2018_73				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	5.45	Rating **	M	Issue No.	241
LM End	5.45	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.382153 °	38.382153 °
				-121.546387 °	-121.546387 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16341					
DS_ID:23969					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Need to determine permit no. or remove. No pictures taken.					
FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) irrigation line through the levee, at an unknown depth. Shutoff valves at hose bib on the waterside (WS) shoulder and in ground cover vegetation on the landside (LS) slope.					
FS Date: 6/28/2013					

No Photos

LM Start	5.50	Rating **	U	Issue No.	71
LM End	5.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.382790 °	38.383548 °
				-121.546754 °	-121.546728 °
DWR ID	DWR_RD0999_05_s_2012_71				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_236_71_20180301_00039.jpg



Looking northeast at dense vegetation on waterside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	5.50	Rating **	M	Issue No.	242
LM End	5.50	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.382821 °	38.382821 °
				-121.546661 °	-121.546661 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15446 DS_ID:22857 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be done so appropriately. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee, 4 feet below the crown. Pump house and gate valve on the waterside (WS) slope. Vent on the landside (LS) slope, and a 42-inch concrete standpipe on the LS toe. Service pole on the LS slope with a 1.5-inch galvanized iron electrical conduit at the same location. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 5.66) (8-inch pipe listed)]. FS Date: 6/28/2013					

LM Start	5.50	Rating **	M	Issue No.	242 (cont)
LM End	5.50	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_15446_25366.jpg



Pipe visible on LS slope with JP, Meter and electrical conduit, and concrete standpipe,

Photo 2 of 3 : UCIP_SP_2018_15446_25365.jpg



Corrugated metal pump house on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	5.50	Rating **	M	Issue No.	242 (cont)	
LM End	5.50	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.382821 °		38.382821 °
				-121.546661 °		-121.546661 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15446 DS_ID:22857 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be done so appropriately. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee, 4 feet below the crown. Pump house and gate valve on the waterside (WS) slope. Vent on the landside (LS) slope, and a 42-inch concrete standpipe on the LS toe. Service pole on the LS slope with a 1.5-inch galvanized iron electrical conduit at the same location. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 5.66) (8-inch pipe listed)]. FS Date: 6/28/2013						

Photo 3 of 3 : UCIP_SP_2018_15446_25364.jpg



Vent on pipe at WS shoulder.

LM Start	5.53	Rating **	M	Issue No.	74
LM End	5.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.383349 °	38.383349 °
				-121.546778 °	-121.546778 °
DWR ID	DWR_RD0999_05_s_2018_74				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Removed downed tree limbs.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	5.57	Rating **	U	Issue No.	37
LM End	5.57	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.383780 °	38.383780 °
				-121.546590 °	-121.546590 °
DWR ID	DWR_RD0999_05_s_2017_37				
Comment Code					
BU : Building					
Inspector Comment					
Dilapidated horse pen on landside slope and fallen tree.					

Photo 1 of 2 : SP_2018_RD0999_236_37_20180301_00024.jpg



Looking northwest at dilapidated horse pen and fallen tree on landward slope.

LM Start	5.57	Rating **	U	Issue No.	37 (cont)
LM End	5.57	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_RD0999_236_37_20180301_00025.jpg



Looking west at dilapidated horse pen and fallen tree on landward slope.

LM Start	5.60	Rating **	M	Issue No.	75
LM End	5.60	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.384165 °	38.384165 °
				-121.546183 °	-121.546183 °
DWR ID	DWR_RD0999_05_s_2018_75				
Comment Code					
FW : Firewood					
Inspector Comment					
Firewood at landside toe.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	6.05	Rating **	M	Issue No.	216
LM End	6.07	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.387260 °	38.387415 °
				-121.541863 °	-121.541975 °
DWR ID	DWR_RD0999_05_s_2017_216				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Fruit trees at landside toe.					

No Photos

LM Start	6.08	Rating **	M	Issue No.	77
LM End	6.08	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.387532 °	38.387532 °
				-121.542079 °	-121.542079 °
DWR ID	DWR_RD0999_05_s_2018_77				
Comment Code					
PI : Pipe					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_236_77_20180503_00199.jpg



Poles stored at landside toe looking northwest.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	6.13	Rating **	M	Issue No.	243	
LM End	6.13	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.388151 °	38.388151 °	
				-121.542624 °	-121.542624 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:40791						
DS_ID:22890						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: No permit identified for crossing. Settlement over pipe alignment on crown.						
FIELD_STRUCT_DESC: 4-inch steel irrigation pipe through the levee, 1.5 feet below the crown. Pump on the waterside (WS). Filter, booster, and vent on the landside (LS) toe. Joint pole (JP) on the WS shoulder.						
FS Date: 7/10/2013						

LM Start	6.13	Rating **	M	Issue No.	243 (cont)
LM End	6.13	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_40791_27555.jpg



Pump on WS slope.

Photo 2 of 3 : UCIP_SP_2018_40791_27554.jpg



Settlement along pipe alignment on crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 0999 Netherlands

Pipe visible on LS slope with filter plant in background.

6-inch steel pipe on LS slope with evidence of 36-inch standpipe in background.

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	6.13	Rating **	U	Issue No.	244 (cont)	
LM End	6.13	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.388175 °	38.388175 °	
				-121.542623 °	-121.542623 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:50095 DS_ID:22859 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 07/07/2016 - slant pump intake located on WS toe with the opening blocked by cinder blocks. multiple pipes segments laying on WS slope. Otherwise, no change from previous inspection. (T. Hatch/UCIP)07/10/2013 - Pipe appears abandoned and is open on both ends. Pipe should be abandoned properly. (W. Wylie/UCIP) FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee, 6 feet below the crown. Pump and gate valve on the waterside (WS) toe, along with a service pole. 36-inch standpipe at the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 6.29) (8-inch pipe listed)]. FS Date: 7/7/2016						

Photo 2 of 3 : UCIP_SP_2018_50095_25858.jpg



Pipe visible on WS slope.

LM Start	6.13	Rating **	U	Issue No.	244 (cont)
LM End	6.13	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2018_50095_25857.jpg



Pipe open on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	6.13	Rating **	M	Issue No.	60
LM End	6.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.388225 °	38.388225 °
				-121.542697 °	-121.542697 °
DWR ID	DWR_RD0999_05_s_2012_60				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_236_60_20180301_00034.jpg



Looking north at dense trees on landward slope. (Spring 2015)

LM Start	6.26	Rating **	M	Issue No.	155
LM End	6.26	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.389946 °	38.389946 °
				-121.542461 °	-121.542461 °
DWR ID	DWR_RD0999_05_f_2013_155				
Comment Code					
RA : Ramp					
Inspector Comment					
Unauthorized ramp on landside slope.					

Photo 1 of 1 : SP_2018_RD0999_236_155_20180301_00074.jpg



Looking southwest at ramp on landward slope.

LM Start	6.43	Rating **	M	Issue No.	92
LM End	6.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.391355 °	38.391776 °
				-121.540113 °	-121.539295 °
DWR ID	DWR_RD0999_05_s_2012_92				
Comment Code					
PR : Prunings					
Inspector Comment					
Large pruning piles and fallen tree on waterside and landside shoulder and slope.					

Photo 1 of 2 : SP_2018_RD0999_236_92_20180301_00045.jpg



Looking east at fallen tree and pruning on landward and waterward shoulder and slope.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	6.43	Rating **	M	Issue No.	92 (cont)	
LM End	6.48	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.391355 °		38.391776 °
				-121.540113 °		-121.539295 °
DWR ID	DWR_RD0999_05_s_2012_92					
Comment Code						
PR : Prunings						
Inspector Comment						
Large pruning piles and fallen tree on waterside and landside shoulder and slope.						

Photo 2 of 2 : SP_2018_RD0999_236_92_20180301_00046.jpg



Looking east at tree branches and limbs on waterward and landward shoulder and slope.

LM Start	6.44	Rating **	M	Issue No.	181
LM End	6.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.391502 °	38.391502 °
				-121.539897 °	-121.539897 °
DWR ID	DWR_RD0999_05_f_2015_181				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Untrimmed trees on landside slope and toe.					

Photo 1 of 1 : SP_2018_RD0999_236_181_20180301_00100.jpg



Looking northwest at untrimmed trees on landward slope and toe.

LM Start	6.47	Rating **	M	Issue No.	78
LM End	6.47	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.391720 °	38.391720 °
				-121.539432 °	-121.539432 °
DWR ID	DWR_RD0999_05_s_2018_78				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	6.47	Rating **	M	Issue No.	245
LM End	6.47	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.391723 °	38.391723 °
				-121.539442 °	-121.539442 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15604 DS_ID:22860 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: *ABANDONED* 14-inch steel drainage pipe through the levee, 7.2 feet below the crown. Open 9-foot by 14-foot concrete pump pit on the waterside (WS) slope. Pipe has steel plate bolted over the WS end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 6.61)]. FS Date: 7/10/2013					

LM Start	6.47	Rating **	M	Issue No.	245 (cont)
LM End	6.47	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP_SP_2018_15604_25875.jpg



Pipe with steel plate bolted over opening at concrete pump pit on WS toe.

Photo 2 of 2 : UCIP_SP_2018_15604_25874.jpg



Concrete pump pit on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	6.56	Rating **	M	Issue No.	246
LM End	6.56	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.392788 °	38.392788 °
				-121.539047 °	-121.539047 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16342 DS_ID:23988 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine Permit No. for this crossing. FIELD_STRUCT_DESC: 8-inch aluminum irrigation pipe over the top of the levee. Pipe blocks crown when in use. Portable pump on the waterside (WS) toe. FS Date: 7/10/2013					

Photo 1 of 2 : UCIP_SP_2018_16342_27544.jpg



Pipe at crossing over crown.

LM Start	6.56	Rating **	M	Issue No.	246 (cont)
LM End	6.56	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_16342_27543.jpg



Portable pump on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	6.61	Rating **	M	Issue No.	132
LM End	6.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.393578 °	38.393578 °
				-121.539295 °	-121.539295 °
DWR ID	DWR_RD0999_05_f_2012_132				
Comment Code					
RA : Ramp					
Inspector Comment					
Landowner installed ramp on landside slope without permit.					

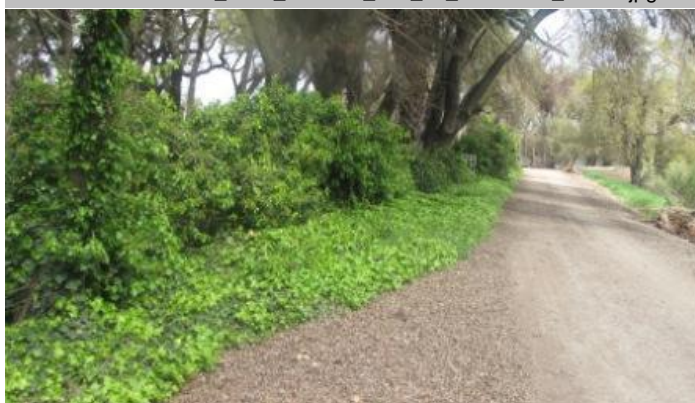
Photo 1 of 1 : SP_2018_RD0999_236_132_20180301_00063.jpg



Looking east at unauthorized ramp on landside slope.

LM Start	6.68	Rating **	U	Issue No.	93
LM End	6.71	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.394491 °	38.394991 °
				-121.539427 °	-121.539333 °
DWR ID	DWR_RD0999_05_s_2012_93				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Dense landscaping on landside slope.					

Photo 1 of 2 : SP_2018_RD0999_236_93_20180301_00047.jpg



Looking north at overgrown landscape on landside slope and toe.

LM Start	6.68	Rating **	U	Issue No.	93 (cont)
LM End	6.71	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_RD0999_236_93_20180301_00048.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	6.73	Rating **	M	Issue No.	96
LM End	6.73	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.395234 °	38.395234 °
				-121.539323 °	-121.539323 °
DWR ID	DWR_RD0999_05_s_2012_96				
Comment Code					
MA : Material					
Inspector Comment					
Firewood and other material on landside shoulder.					

Photo 1 of 4 : SP_2018_RD0999_236_96_20180301_00049.jpg



Fence, firewood and material at landside shoulder.

LM Start	6.73	Rating **	M	Issue No.	96 (cont)
LM End	6.73	Issue Type +	En	Location *	LS

Photo 2 of 4 : SP_2018_RD0999_236_96_20180301_00050.jpg

Looking northeast at firewood and other material on landside shoulder.
(Spring 2012)

LM Start	6.73	Rating **	M	Issue No.	96 (cont)
LM End	6.73	Issue Type +	En	Location *	LS

Photo 3 of 4 : SP_2018_RD0999_236_96_20180301_00051.jpg



Looking south at firewood and other material on landside shoulder and crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	6.73	Rating **	M	Issue No.	96 (cont)	
LM End	6.73	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.395234 °		38.395234 °
				-121.539323 °		-121.539323 °
DWR ID	DWR_RD0999_05_s_2012_96					
Comment Code						
MA : Material						
Inspector Comment						
Firewood and other material on landside shoulder.						

Photo 4 of 4 : SP_2018_RD0999_236_96_20180301_00052.jpg



Looking north at firewood and other material on landside shoulder and crown.

LM Start	6.76	Rating **	U	Issue No.	226
LM End	6.76	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.395668 °	38.395668 °
				-121.539149 °	-121.539149 °
DWR ID	DWR_RD0999_05_s_2017_226				
Comment Code					
TA : Tank					
Inspector Comment					
Large water tank on landside slope and other material.					

Photo 1 of 2 : SP_2018_RD0999_236_226_20180301_00128.jpg



Looking west at water tank on landward slope.

LM Start	6.76	Rating **	U	Issue No.	226 (cont)
LM End	6.76	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_RD0999_236_226_20180301_00129.jpg



Looking west at water tank on landward slope and toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	6.79	Rating **	M	Issue No.	156
LM End	6.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.395945 °	38.396307 °
				-121.538859 °	-121.538177 °
DWR ID	DWR_RD0999_05_f_2013_156				
Comment Code					
EQ : Equipment					
Inspector Comment					
Landowner is storing farm equipmemnt on landside shoulder.					

LM Start	6.79	Rating **	M	Issue No.	156 (cont)
LM End	6.83	Issue Type +	En	Location *	LS

Photo 1 of 3 : SP_2018_RD0999_236_156_20180301_00075.jpg



Looking north at farm equipment on landward shoulder (Fall 2014)

Photo 2 of 3 : SP_2018_RD0999_236_156_20180301_00076.jpg



Looking north at farm equipment on landward shoulder.

LM Start	6.79	Rating **	M	Issue No.	156 (cont)
LM End	6.83	Issue Type +	En	Location *	LS

Photo 3 of 3 : SP_2018_RD0999_236_156_20180301_00077.jpg



Looking south at farm equipment on landward shoulder.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	6.80	Rating **	M	Issue No.	157
LM End	6.80	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.396099 °	38.396099 °
				-121.538585 °	-121.538585 °
DWR ID	DWR_RD0999_05_f_2013_157				
Comment Code					
MA : Material					
Inspector Comment					
Landowner is storing pallets of bricks on waterside shoulder.					

Photo 1 of 1 : SP_2018_RD0999_236_157_20180301_00078.jpg



Looking northeast at pallets of bricks stored on waterward shoulder.

LM Start	7.30	Rating **	M	Issue No.	79
LM End	7.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.401509 °	38.402295 °
				-121.538116 °	-121.538785 °
DWR ID	DWR_RD0999_05_s_2018_79				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	7.30	Rating **	M	Issue No.	80
LM End	7.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.401540 °	38.402301 °
				-121.538150 °	-121.538788 °
DWR ID	DWR_RD0999_05_s_2018_80				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	7.51	Rating **	U	Issue No.	247
LM End	7.51	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.403744 °	38.403744 °
				-121.540714 °	-121.540714 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:50096 DS_ID:22863 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 07/07/2016 - Pipe abandoned and appears to be open inside the concrete box on the WS shoulder. No appurtenances visible from the LS. (T. Hatch/UCIP)07/10/2013 - Pipe abandoned and open on both ends. Concrete pump pit foundation undermined at WS toe. Pipe should be abandoned properly (W. Wylie/UCIP) FIELD_STRUCT_DESC: *ABANDONED* 14-inch (measured) steel irrigation pipe through the levee, 4.8 feet below the crown. 9-foot by 14-foot concrete pump pit on the waterside (WS) slope. Pipe open on the WS inlet to pump pit. [Additional Reference(s): DWR Levee Log, 1992, 16-inch pipe listed. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 7.60), abandoned 16-inch pipe listed]. FS Date: 7/7/2016					

LM Start	7.51	Rating **	U	Issue No.	247 (cont)
LM End	7.51	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_50096_25938.jpg



Concrete pump pit on WS toe.

Photo 2 of 3 : UCIP_SP_2018_50096_25937.jpg



Pipe visible on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	7.51	Rating **	U	Issue No.	247 (cont)	
LM End	7.51	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.403744 °	38.403744 °	
				-121.540714 °	-121.540714 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:50096 DS_ID:22863 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 07/07/2016 - Pipe abandoned and appears to be open inside the concrete box on the WS shoulder. No appurtenances visible from the LS. (T. Hatch/UCIP)07/10/2013 - Pipe abandoned and open on both ends. Concrete pump pit foundation undermined at WS toe. Pipe should be abandoned properly (W. Wylie/UCIP) FIELD_STRUCT_DESC: *ABANDONED* 14-inch (measured) steel irrigation pipe through the levee, 4.8 feet below the crown. 9-foot by 14-foot concrete pump pit on the waterside (WS) slope. Pipe open on the WS inlet to pump pit. [Additional Reference(s): DWR Levee Log, 1992, 16-inch pipe listed. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 7.60), abandoned 16-inch pipe listed]. FS Date: 7/7/2016						

Photo 3 of 3 : UCIP_SP_2018_50096_25936.jpg



Pipe open at pump pit on WS toe.

LM Start	7.54	Rating **	M	Issue No.	66
LM End	7.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.403895 °	38.404145 °
				-121.541113 °	-121.541835 °
DWR ID	DWR_RD0999_05_s_2012_66				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 2 : SP_2018_RD0999_236_66_20180301_00037.jpg



Looking east at landscaping at bottom half of levee. (Spring 2017)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	7.54	Rating **	M	Issue No.	66 (cont)	
LM End	7.58	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.403895 °		38.404145 °
				-121.541113 °		-121.541835 °
DWR ID	DWR_RD0999_05_s_2012_66					
Comment Code						
V6 : Landscaping						
Inspector Comment						

Photo 2 of 2 : SP_2018_RD0999_236_66_20180301_00038.jpg



Landscaping on landside slope blocking view of slope. (Spring 2016)

LM Start	7.57	Rating **	M	Issue No.	248
LM End	7.57	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.403993 °	38.403993 °
				-121.541626 °	-121.541626 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15624 DS_ID:22864 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Annular space needs to be grouted between the 12 and 14-inch pipes. FIELD_STRUCT_DESC: 12-inch steel irrigation pipe sleeved through the 14-inch pipe through the levee, 7 feet below the crown. Annular space not grouted. 36-inch concrete standpipe on the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 7.65), 12-inch pipe listed]. FS Date: 7/10/2013					

Photo 1 of 3 : UCIP_SP_2018_15624_25969.jpg



12-inch pipe sleeved through 14-inch pipe at WS slope. Erosion around pipe on levee slopes-both sides of levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	7.57	Rating **	M	Issue No.	248 (cont)	
LM End	7.57	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.403993 °	38.403993 °	
				-121.541626 °	-121.541626 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15624 DS_ID:22864 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Annular space needs to be grouted between the 12 and 14-inch pipes. FIELD_STRUCT_DESC: 12-inch steel irrigation pipe sleeved through the 14-inch pipe through the levee, 7 feet below the crown. Annular space not grouted. 36-inch concrete standpipe on the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 7.65), 12-inch pipe listed]. FS Date: 7/10/2013						

LM Start	7.57	Rating **	M	Issue No.	248 (cont)
LM End	7.57	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_15624_25968.jpg



Notice: No grout between sleeved pipes.

Photo 3 of 3 : UCIP_SP_2018_15624_25967.jpg



Pump on metal pier with walkway at WS toe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	7.67	Rating **	M	Issue No.	249	
LM End	7.67	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.404865 °	38.404865 °	
				-121.543079 °	-121.543079 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15742						
DS_ID:22866						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Unable to locate, but good location as there are sprinklers on both sides of the crown. Need to determine disposition of pipe.						
FIELD_STRUCT_DESC: 3-inch steel pipe of unknown purpose through the levee, 11.3 feet below the crown. Gate valve on the landside (LS) slope. Sprinklers located on both slopes of the levee. Location verified by electromagnetic survey. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 7.81)].						
FS Date: 7/10/2013						

No Photos

LM Start	7.77	Rating **	M	Issue No.	250
LM End	7.77	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.406221 °	38.406221 °
				-121.543609 °	-121.543609 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15643 DS_ID:22867 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Unable to access property. Need to verify disposition of pipe. FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through the levee, 4 feet below the crown. Pump house on the waterside (WS) slope with a service pole on the levee crown. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 7.89)]. FS Date: 7/10/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	8.03	Rating **	C	Issue No.	185
LM End	8.03	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.409324 °	38.409324 °
				-121.541223 °	-121.541223 °
DWR ID	DWR_RD0999_05_s_2015_185				
Comment Code					
PR : Prunings					
Inspector Comment					
.					

No Photos

LM Start	8.04	Rating **	M	Issue No.	251
LM End	8.04	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.409421 °	38.409421 °
				-121.541007 °	-121.541007 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15683 DS_ID:22881 EP_NO: 13463 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe exposed in excavation on LS shoulder at what may be a leak. FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through the levee, 2.5 feet below the crown. Pump on pile structure with walkway on the waterside (WS) toe. 12-inch polyvinyl chloride (PVC) standpipe on the landside (LS) toe next to filter plant and shed. 1.5-inch polyvinyl chloride (PVC) electrical conduit at the same location. (12-inch pipe authorized under Permit No. 13463, 1982 - John Plyman, existing 8-inch pipe was grouted in-place). FS Date: 7/10/2013					

Photo 1 of 3 : UCIP_SP_2018_15683_26102.jpg



Pump on metal pier with walkway on WS slope.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	8.04	Rating **	M	Issue No.	251 (cont)	
LM End	8.04	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.409421 °		38.409421 °
				-121.541007 °		-121.541007 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15683 DS_ID:22881 EP_NO: 13463 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe exposed in excavation on LS shoulder at what may be a leak. FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through the levee, 2.5 feet below the crown. Pump on pile structure with walkway on the waterside (WS) toe. 12-inch polyvinyl chloride (PVC) standpipe on the landside (LS) toe next to filter plant and shed. 1.5-inch polyvinyl chloride (PVC) electrical conduit at the same location. (12-inch pipe authorized under Permit No. 13463, 1982 - John Plyman, existing 8-inch pipe was grouted in-place). FS Date: 7/10/2013						

LM Start	8.04	Rating **	M	Issue No.	251 (cont)
LM End	8.04	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_15683_26101.jpg



Air vent and butterfly valve at filter plant/shed. Meter on JP with electrical controls.

Photo 3 of 3 : UCIP_SP_2018_15683_26100.jpg



Pipe visible on LS shoulder with siphon breaker.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	8.05	Rating **	M	Issue No.	252
LM End	8.05	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.409440 °	38.409440 °
				-121.540928 °	-121.540928 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15663 DS_ID:22868 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: *ABANDONED* 14-inch steel irrigation pipe through the levee, 14.4 feet below the crown. Gate valve at pump in concrete pit under pump house on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 8.13) (10-inch pipe listed)]. FS Date: 7/10/2013					

LM Start	8.05	Rating **	M	Issue No.	252 (cont)
LM End	8.05	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_15663_26082.jpg



14-inch pipe visible at WS toe below pumphouse.

Photo 2 of 3 : UCIP_SP_2018_15663_26081.jpg



Concrete pumphouse on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	8.05	Rating **	M	Issue No.	253 (cont)	
LM End	8.05	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.409488 °		38.409488 °
				-121.540833 °		-121.540833 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15664 DS_ID:22870 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 2-inch galvanized iron domestic water line through the levee, 12.5 feet below the crown. Gate valve and domestic pressure system in pump house on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 8.14)]. FS Date: 7/10/2013						

Photo 2 of 2 : UCIP_SP_2018_15664_26083.jpg



Pipe visible inside pumphouse on WS slope.

LM Start	8.06	Rating **	M	Issue No.	87	
LM End	8.10	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.409532 °		38.409760 °
				-121.540667 °		-121.540080 °
DWR ID	DWR_RD0999_05_s_2012_87					
Comment Code						
V6 : Landscaping						
Inspector Comment						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	8.10	Rating **	M	Issue No.	254
LM End	8.10	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.409749 °	38.409749 °
				-121.540079 °	-121.540079 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15685 DS_ID:22871 EP_NO: 4851 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears to be abandoned and should be done so properly. FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee, 6.2 feet below the crown. Gate valve in pump house on the waterside (WS) slope. Service poles on both slopes. (no permit found for the install of original 8-inch pipe; 20-foot section of existing 8-inch pipe was replaced with new 8-inch pipe work authorized under Permit No. 4851, 1965 - J. Plyman). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 8.23)]. FS Date: 7/10/2013					

Photo 1 of 3 : UCIP_SP_2018_15685_26106.jpg



Pumphouse/concrete headwall on WS slopt.

LM Start	8.10	Rating **	M	Issue No.	254 (cont)
LM End	8.10	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_15685_26105.jpg



Possible location for original outlet on LS of Netherlands road.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	8.10	Rating **	M	Issue No.	254 (cont)	
LM End	8.10	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.409749 °	38.409749 °	
				-121.540079 °	-121.540079 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15685 DS_ID:22871 EP_NO: 4851 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears to be abandoned and should be done so properly. FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee, 6.2 feet below the crown. Gate valve in pump house on the waterside (WS) slope. Service poles on both slopes. (no permit found for the install of original 8-inch pipe; 20-foot section of existing 8-inch pipe was replaced with new 8-inch pipe work authorized under Permit No. 4851, 1965 - J. Plyman). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 8.23)]. FS Date: 7/10/2013						

Photo 3 of 3 : UCIP_SP_2018_15685_26104.jpg



Pump and gate valve in pump house on WS toe.

LM Start	8.14	Rating **	M	Issue No.	205
LM End	8.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.409876 °	38.409876 °
				-121.539348 °	-121.539348 °
DWR ID	DWR_RD0999_05_f_2014_205				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	8.15	Rating **	A/W	Issue No.	220
LM End	8.42	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.409892 °	38.408612 °
				-121.539225 °	-121.534570 °
DWR ID	DWR_RD0999_05_s_2016_220				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					

No Photos

LM Start	8.22	Rating **	U	Issue No.	206
LM End	8.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.409679 °	38.409679 °
				-121.537920 °	-121.537920 °
DWR ID	DWR_RD0999_05_f_2014_206				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_236_206_20180301_00114.jpg



Looking west at untrimmed trees on landward toe.

LM Start	8.22	Rating **	U	Issue No.	118
LM End	8.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.409665 °	38.409665 °
				-121.537898 °	-121.537898 °
DWR ID	DWR_RD0999_05_s_2012_118				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_236_118_20180301_00058.jpg



Looking northeast at untrimmed trees on watward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	8.27	Rating **	M	Issue No.	221
LM End	8.27	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.409468 °	38.409468 °
				-121.537066 °	-121.537066 °
DWR ID	DWR_RD0999_05_f_2016_221				
Comment Code					
PO : Pole					
Inspector Comment					
Landowner installed wooden poles on landside slope to hang lights					

Photo 1 of 2 : SP_2018_RD0999_236_221_20180301_00120.jpg



Looking east at wooden poles on landward shoulder.

LM Start	8.27	Rating **	M	Issue No.	221 (cont)
LM End	8.27	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_RD0999_236_221_20180301_00121.jpg



Looking north at wooden pole on landward shoulder.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	8.29	Rating **	M	Issue No.	255
LM End	8.29	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.409264 °	38.409264 °
				-121.536659 °	-121.536659 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15686					
DS_ID:22872					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Type of pipe abandonment needs to be verified.					
FIELD_STRUCT_DESC: *ABANDONED* 8-inch steel irrigation pipe through the levee, 11.7 feet below the crown. No control valves. 1.5-inch galvanized iron electrical conduit found on the waterside (WS) slope at oak tree. 8-inch pipe debris visible on the WS slope. [Additional					
Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 8.43)].					
FS Date: 7/10/2013					

LM Start	8.29	Rating **	M	Issue No.	255 (cont)
LM End	8.29	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_15686_26109.jpg



8-inch pipe debris with 1.5-inch electrical conduit visible in background on WS slope.

Photo 2 of 3 : UCIP_SP_2018_15686_26108.jpg



1.5-inch electrical conduit visible on WS slope next to oak.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	8.29	Rating **	M	Issue No.	255 (cont)	
LM End	8.29	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.409264 °		38.409264 °
				-121.536659 °		-121.536659 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15686 DS_ID:22872 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Type of pipe abandonment needs to be verified. FIELD_STRUCT_DESC: *ABANDONED* 8-inch steel irrigation pipe through the levee, 11.7 feet below the crown. No control valves. 1.5-inch galvanized iron electrical conduit found on the waterside (WS) slope at oak tree. 8-inch pipe debris visible on the WS slope. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 113 (Revised), October 1966, (HLM 8.43)]. FS Date: 7/10/2013						

Photo 3 of 3 : UCIP_SP_2018_15686_26107.jpg



1.5-inch electrical conduit visible on WS slope next to oak.

LM Start	8.30	Rating **	M	Issue No.	81
LM End	8.30	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.409209 °	38.409209 °
				-121.536511 °	-121.536511 °
DWR ID	DWR_RD0999_05_s_2018_81				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Trees planted on landside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	8.37	Rating **	M	Issue No.	86
LM End	8.41	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.408720 °	38.408569 °
				-121.535409 °	-121.534670 °
DWR ID	DWR_RD0999_05_s _ 2018_86				
Comment Code					
DE : Debris					
Inspector Comment					
Debris and farming supplies stored on crown and waterside slope.					

No Photos

LM Start	8.39	Rating **	M	Issue No.	101
LM End	8.43	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.408586 °	38.408748 °
				-121.534992 °	-121.534437 °
DWR ID	DWR_RD0999_05_s _ 2012_101				
Comment Code					
FE : Fence					
Inspector Comment					
Fence installed without CVFPB permit in 2008. Fence extends from landside toe to landside shoulder.					

Photo 1 of 1 : SP_2018_RD0999_236_101_20180301_00053.jpg



New installed unauthorized fence at landside slope and shoulder.

LM Start	8.44	Rating **	M	Issue No.	88
LM End	8.54	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.408800 °	38.409835 °
				-121.534284 °	-121.533124 °
DWR ID	DWR_RD0999_05_s _ 2018_88				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					
Crown is degraded by animal traffic.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	8.48	Rating **	C	Issue No.	102
LM End	8.51	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.409116°	38.409500°
				-121.533738°	-121.533443°
DWR ID	DWR_RD0999_05_s_2012_102				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	8.50	Rating **	M	Issue No.	187
LM End	8.50	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.409395 °	38.409395 °
				-121.533593 °	-121.533593 °
DWR ID	DWR_RD0999_05_s_2015_187				
Comment Code					
FE : Fence					
Inspector Comment					
Landowner installed a electrical fence across levee crown.					

Photo 1 of 1 : SP_2018_RD0999_236_187_20180301_00102.jpg



Looking east at new electrical fence across levee crown and landward slope. (Spring 2015)

LM Start	8.54	Rating **	M	Issue No.	195
LM End	8.54	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.409880 °	38.409880 °
				-121.533078 °	-121.533078 °
DWR ID	DWR_RD0999_05_s_2014_195				
Comment Code					
FW : Firewood					
Inspector Comment					
Firewood stock piled on landside slope.					

Photo 1 of 1 : SP_2018_RD0999_236_195_20180301_00106.jpg



Looking northeast at firewood on landward slope.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	8.54	Rating **	M	Issue No.	222
LM End	8.54	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.409931 °	38.409931 °
				-121.533033 °	-121.533033 °
DWR ID	DWR_RD0999_05_f_2016_222				
Comment Code					
PL : Pool					
Inspector Comment					
Landowner installed slip and slide and pvc pipes on landside slope.					

Photo 1 of 3 : SP_2018_RD0999_236_222_20180529_00203.jpg



Encroachment waterslide landside looking north.

LM Start	8.54	Rating **	M	Issue No.	222 (cont)
LM End	8.54	Issue Type +	En	Location *	LS

Photo 2 of 3 : SP_2018_RD0999_236_222_20180301_00122.jpg



LM Start	8.54	Rating **	M	Issue No.	222 (cont)
LM End	8.54	Issue Type +	En	Location *	LS

Photo 3 of 3 : SP_2018_RD0999_236_222_20180301_00123.jpg



*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	8.58	Rating **	M	Issue No.	196
LM End	8.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.410279 °	38.410279 °
				-121.532414 °	-121.532414 °
DWR ID	DWR_RD0999_05_s_2014_196				
Comment Code					
ST : Stairway					
Inspector Comment					
Landowner installed concrete stairs and sprinkler and plantings on landside slope without CVFPB permit.					

Photo 1 of 2 : SP_2018_RD0999_236_196_20180301_00107.jpg



Looking east at concrete stairs, sprinklers and plantings on landward slope.

LM Start	8.58	Rating **	M	Issue No.	196 (cont)
LM End	8.58	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_RD0999_236_196_20180301_00108.jpg



Looking north at concrete stairs on landward slope.

LM Start	8.59	Rating **	M	Issue No.	126
LM End	8.59	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.410283 °	38.410283 °
				-121.532353 °	-121.532353 °
DWR ID	DWR_RD0999_05_s_2012_126				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0999_236_126_20180301_00059.jpg



Looking northeast at landscaping on landward slope.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	8.59	Rating **	M	Issue No.	103
LM End	8.59	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.410332 °	38.410332 °
				-121.532277 °	-121.532277 °
DWR ID	DWR_RD0999_05_s_2012_103				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 2 : SP_2018_RD0999_236_103_20180301_00054.jpg



View of fence & gate across levee crown, landside & waterside slope.

LM Start	8.59	Rating **	M	Issue No.	103 (cont)
LM End	8.59	Issue Type +	En	Location *	CR

Photo 2 of 2 : SP_2018_RD0999_236_103_20180301_00055.jpg



New unauthorized fence that extend from landside toe to waterside toe.

LM Start	8.61	Rating **	M	Issue No.	123
LM End	8.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.410434 °	38.410434 °
				-121.532050 °	-121.532050 °
DWR ID	DWR_RD0999_05_s_2012_123				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	8.62	Rating **	M	Issue No.	256
LM End	8.62	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.410531 °	38.410531 °
				-121.531785 °	-121.531785 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16345 DS_ID:23990 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine permit No for crossing or remove it. FIELD_STRUCT_DESC: 3-inch plastic irrigation hose over the top of the levee. Small portable pump on the waterside (WS) toe. FS Date: 7/10/2013					

Photo 1 of 2 : UCIP_SP_2018_16345_27558.jpg



Portable pump on WS toe.

LM Start	8.62	Rating **	M	Issue No.	256 (cont)
LM End	8.62	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_16345_27557.jpg



Plastic hose visible on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	8.63	Rating **	M	Issue No.	104
LM End	8.63	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.410617 °	38.410617 °
				-121.531694 °	-121.531694 °
DWR ID	DWR_RD0999_05_s_2012_104				
Comment Code					
FE : Fence					
Inspector Comment					

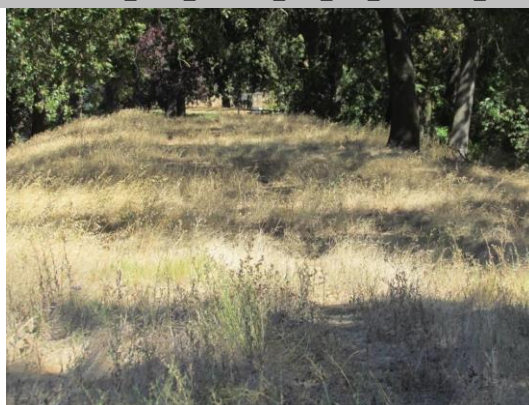
Photo 1 of 1 : SP_2018_RD0999_236_104_20180301_00056.jpg



New unauthorized fence and gate that extends from landside toe across levee crown to waterside toe.

LM Start	8.64	Rating **	M	Issue No.	223
LM End	8.72	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.410696 °	38.411560 °
				-121.531584 °	-121.530479 °
DWR ID	DWR_RD0999_05_f_2016_223				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Control growth on levee crown					

Photo 1 of 1 : SP_2018_RD0999_236_223_20180301_00125.jpg



Looking east at overgrowth on levee crown.

LM Start	8.73	Rating **	M	Issue No.	134
LM End	8.82	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.411577 °	38.412619 °
				-121.530375 °	-121.529691 °
DWR ID	DWR_RD0999_05_f_2012_134				
Comment Code					
LI : Landscape Irrigation					
Inspector Comment					
Sprinklers on landside and waterside shoulder.					

Photo 1 of 1 : SP_2018_RD0999_236_134_20180301_00064.jpg



Looking at one of several sprinklers on waterward and landward slope.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	8.73	Rating **	U	Issue No.	89
LM End	8.77	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.411637 °	38.411959 °
				-121.530312 °	-121.529838 °
DWR ID	DWR_RD0999_05_s_2018_89				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	8.75	Rating **	M	Issue No.	257
LM End	8.75	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.411805 °	38.411805 °
				-121.530044 °	-121.530044 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:16346 DS_ID:23991 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine permit No. for crossing. FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) sprinklers on both sides of the crown. Unclear where crossing occurs. No photos taken. FS Date: 7/10/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	8.82	Rating **	M	Issue No.	224
LM End	8.82	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.412718 °	38.412718 °
				-121.529724 °	-121.529724 °
DWR ID	DWR_RD0999_05_f_2016_224				
Comment Code					
FE : Fence					
Inspector Comment					
Landowner installed gate across levee crown.					

Photo 1 of 2 : SP_2018_RD0999_236_224_20180301_00126.jpg



Looking at code pad on right side of gate.

LM Start	8.82	Rating **	M	Issue No.	224 (cont)
LM End	8.82	Issue Type +	En	Location *	CR

Photo 2 of 2 : SP_2018_RD0999_236_224_20180301_00127.jpg



Looking west at code pad on right side of gate.

LM Start	8.90	Rating **	M	Issue No.	127
LM End	8.92	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.413780 °	38.414138 °
				-121.529727 °	-121.529772 °
DWR ID	DWR_RD0999_05_s_2012_127				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Cactus and other plants and sprinklers on landside slope.					

Photo 1 of 1 : SP_2018_RD0999_236_127_20180301_00060.jpg



Looking west at cactus and other vegetation on landward slope.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

Reclamation District No. 0999 Netherlands

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	9.18	Rating **	M	Issue No.	90
LM End	9.18	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.415294 °	38.415294 °
				-121.527037 °	-121.527037 °
DWR ID	DWR_RD0999_05_s _ 2018_90				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	9.39	Rating **	A/W	Issue No.	114
LM End	9.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.413377 °	38.413377 °
				-121.524500 °	-121.524500 °
DWR ID	DWR_RD0999_05_s _ 2012_114				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	9.39	Rating **	M	Issue No.	227
LM End	9.39	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.413370 °	38.413370 °
				-121.524387 °	-121.524387 °
DWR ID	DWR_RD0999_05_s _ 2017_227				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Discard fallen tree on landside shoulder.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side WS : Water Side CR : Crown		A : Acceptable M : Minimally Acceptable U : Unacceptable		Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
N/A : Not Applicable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0999 Netherlands

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elk Slough	Right	9.48	05/02/2018 05/08/2018	Dave Torres

LM Start	9.44	Rating **	M	Issue No.	145
LM End	9.44	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.413755 °	38.413755 °
				-121.523723 °	-121.523723 °
DWR ID	DWR_RD0999_05_s_2013_145				
Comment Code					
FW : Firewood					
Inspector Comment					
Firewood stockpile at landside toe next to ramp.					

Photo 1 of 2 : SP_2018_RD0999_236_145_20180301_00066.jpg



Looking north at firewood piled at landside toe.

LM Start	9.44	Rating **	M	Issue No.	145 (cont)
LM End	9.44	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_RD0999_236_145_20180301_00067.jpg



Looking northwest at firewood at landward toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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